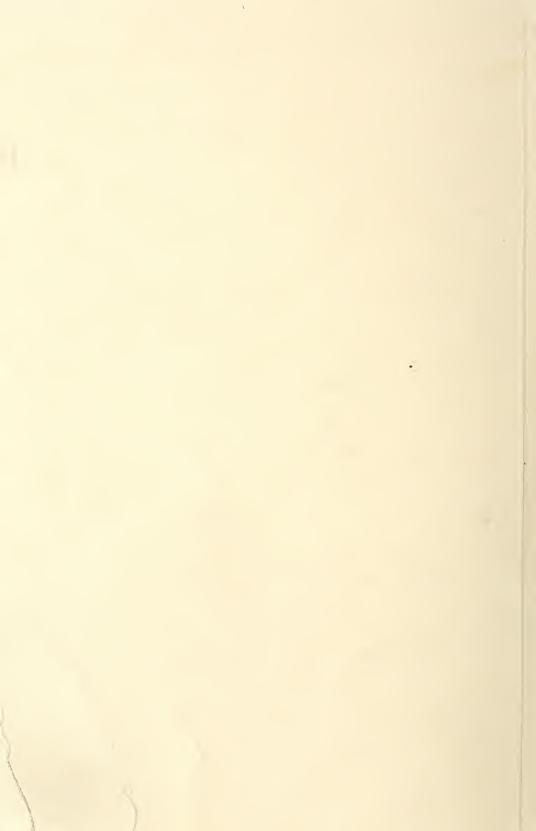
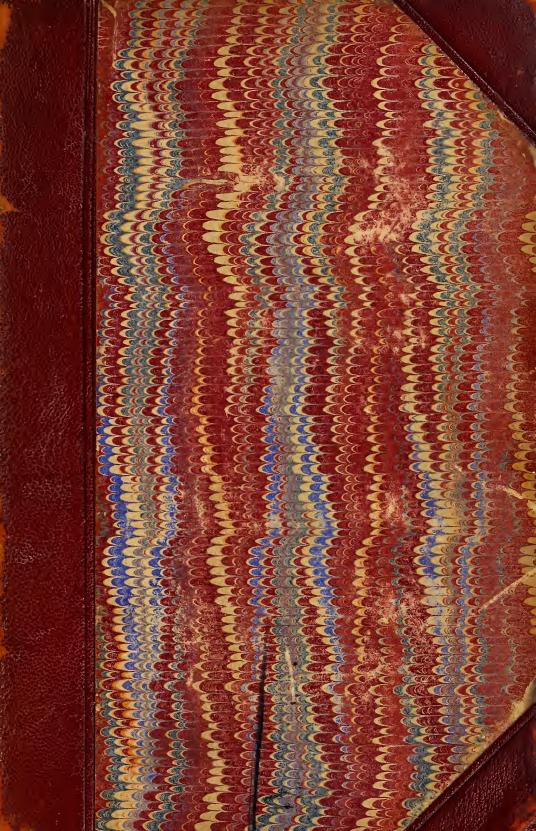
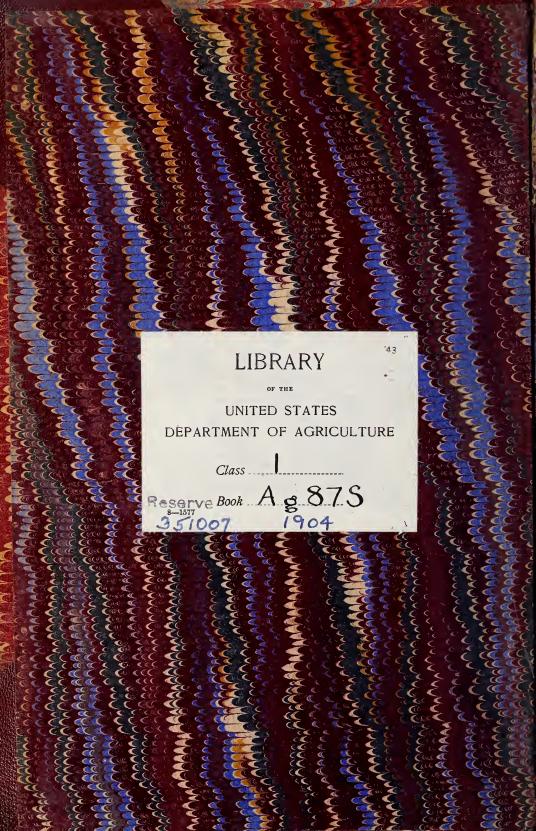
### **Historic, Archive Document**

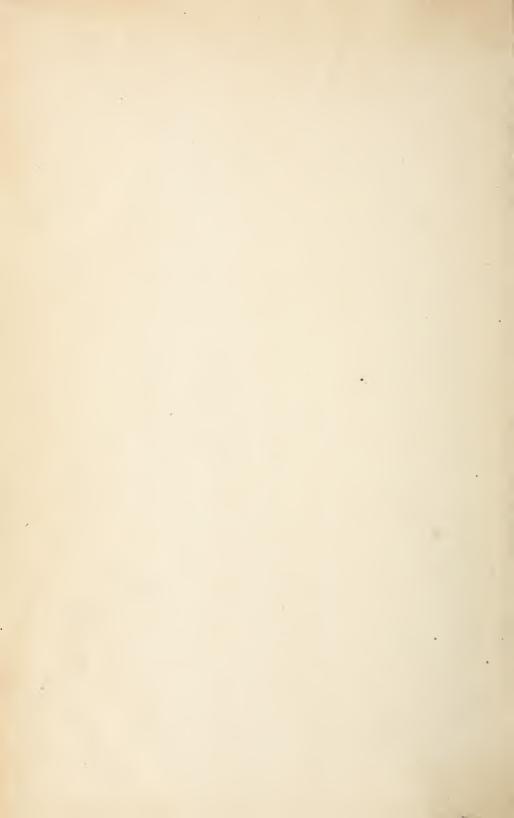
Do not assume content reflects current scientific knowledge, policies, or practices.



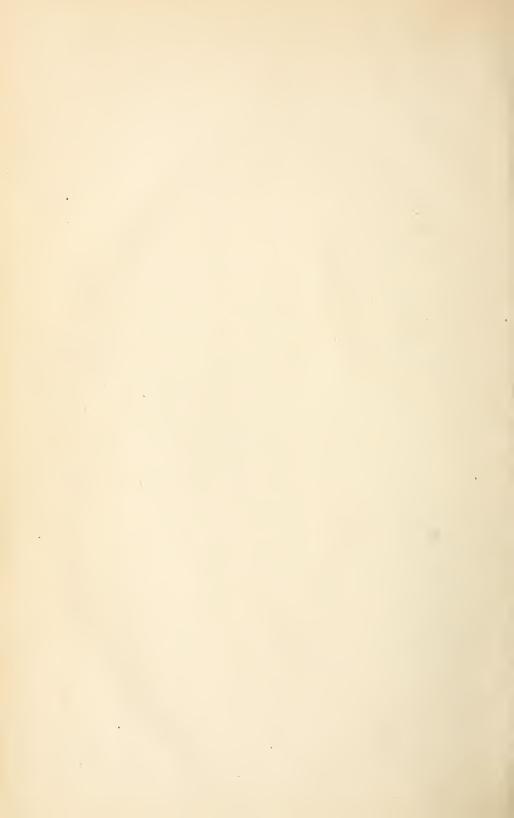












EXPENDITURES IN THE DEPARTMENT OF AGRICULTURE.

#### LETTER

FROM

### THE SECRETARY OF AGRICULTURE,

PRESENTING

A DETAILED STATEMENT OF THE EXPENDITURES OF THE DEPARTMENT FOR THE FISCAL YEAR ENDING JUNE 30, 1904, INCLUDING SUPPLEMENTAL ACCOUNTS.

January 23, 1905—Referred to the Committee on Expenditures in the Department of Agriculture and ordered to be printed.

DEPARTMENT OF AGRICULTURE,
OFFICE OF THE SECRETARY,
Washington, D. C., January 21, 1905.

Sir: I have the honor to present herewith, in conformity to law, a detailed statement of the expenditures of all appropriations for the Department of Agriculture for the fiscal year ending June 30, 1904, including supplemental accounts to September 30, 1904.

Very respectfully,

James Wilson,

Secretary.

The Speaker of the House of Representatives.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904.

SALARIES.

Name.	Amount.	Name.	Amount.
Jas. Wilson J. H. Brigham D. E. Salmon B. F. Galloway H. W. Wiley Jno. Hyde Gifford Pinchot Milton Whitney Geo. Wm. Hill Frank L. Evans	4, 487. 62 4, 500. 00 4, 000. 00 3, 500. 00 3, 500. 00 3, 500. 00 3, 500. 00 3, 500. 00	L. O. Howard C. Hart Merriam Geo. K. Holmes Jasper Wilson L. H. Dewey W. A. Taylor A. S. Hitchcock W. D. Bigelow F. K. Cameron O. W. Price	2,500.00 2,500.00 2,500.00 2,500.00 2,500.00 2,500.00 2,500.00

### $Expenditures\ of\ the\ Department\ of\ Agriculture\ for\ fiscal\ year\ ending\ June\ 30,\ 1904-Cont'd.$

Name.	Amount.	Name.	Amount
D. Melvin	\$2,500.00 2,500.00	M. M. McClure	\$1,400.0
M. Farrington E. Alvord O. R. Mohler	2,500.00	F. W. Patterson F. H. Hillman	1,400.0
E. Alvord	2,500.00	F. H. Hillman	1,400.0
W. Hickman	2,500.00 2,500.00	S. L. Sommers	1,400.0
R. Burch	2, 415, 80	M. F. Safford	1,400.0 1,400.0
R. Burch D. Fessenden	2, 200, 00	E. S. Thompson H. R. Smedes T. C. Halloway	1,400.0
T. Moore	2,059.95	T. C. Halloway	1,400,0
B. Bennett	2,000.00		1,400.0
B. Lower	2,000.00	W. G. Smith	1,400.0
Zappone s. A. Arnold s. E. Jones W. Dorsey	2,000.00 2,000.00	W. G. Smith G. N. Coffee G. W. Baumann	1,400.0
s. A. Arnold	2,000.00	G. W. Baumann	1,400.0
W. Dorsey	2,000.00	Henry Grinnell.	1,400.0 1,400.0
	2,000.00	McP. Reynolds G. B. Morse	1,400.0
B. Jones C. Schroeder	2,000.00	C. F. Flocken Mary Sullivan Evelyn Lyons F. N. Gregory	1,400.0
C. Schroeder	2,000.00	Mary Sullivan	1,400.0
H. Greatnouse	1,800.00	Evelyn Lyons.	1,400.0
D. Stallings	1,800.00	F. N. Gregory	1,400.0
B. Handy. A. Clark.	1,800.00 1,800.00	U. C. Callon	1,400.0 1,400.0
W. Cognillett	1,800.00	I. C. I. Evans. W. S. D. Haines.	1 400
K. Fisher	1,800.00	C. R. Barnett	1 396
. A. Orton	1,800.00	C. R. Barnett Bertha Burch F. R. Rutter	1,382.
E. Smith	1,800.00	F. R. Rutter	1,335. 1,300.
W. Stone	1,800.00	T. A. Scott	1,300.
C. Moore . H. Heilman	1,800.00	J. H. Barnes	1, 274. 1, 265. 1, 247.
E. Olmsted	1,800.00 1,800.00	Chas A Jonson	1,265.
J. Washburn	1,800.00	J. P. M. Haas	1, 232.
s. A. Emery bert Hassell	1.800.00	Allen Dodge Chas. A Jensen J P. M. Haas. David Griffith Thos. J. Ray Wm. Collier Geo. A. Harlow. C. B. Clarka	1, 201.
bert Hassell	1,800.00	Thos. J. Ray.	1,200.
	1,800.00	Wm. Collier	1, 201. 1, 200. 1, 200.
M. Pickens	1,800.00	Geo. A. Harlow	1,200.
R. Ball	1,800.00 1,800.00	C. B. Clarke H. A. Benner	1, 200. 1, 200.
canhina Rrigham	1,600.00	R M Dodgon	1, 200.
W. Roberts	1,600.00	L. J. Nichols	1, 200.
H. Gerdes M. Pickens R. Ball E. Fealy Sephine Brigham W. Roberts M. Housemann	1,600.00	F. J. P. Cleary	1, 200. 1, 200.
o. A. Harvey	1,600.00	M. E. Edwards	1 200 (
o. A. Harvey. J. Harrington. W. Jones.	1,600.00	I. J. Nichols F. J. P. Cleary M. E. Edwards M. E. Thorn	1,200.0
. W. Jones	1,600.00 1,600.00	T. C. Cooney. M. A. S. Colman	1, 200. 1, 200.
C. Cox. I. Mudd	1,600.00	E. B. Hawkes	1, 200.
ohraim Cornman	1,600.00	R. C. Althouse	1, 200.
phraim Cornman neo. Pergande	1,600.00	R. C. Althouse W F. Tastet A. B. Morrison	1, 200. 1, 200.
	1,600.00	A. B. Morrison	1,200.
C. Saunders A. Leith W. Stier G. Ward, jr P. Veitch S. Tidd O. G. Anderson	1,600.00	Merritt Carv	1,200.
W. Stier	1,600.00	H. C. Oberholser L. J. Smith	1, 200. 1, 200.
P. Voitab	1,600.00 1,600.00	L. J. Smith	1, 200.
S Tidd	1,600.00	W. E. Taylor	1,200.
eo. G. Anderson	1,600.00	E. H. Bradley	1, 200,
o. S. Buckley	1,600.00	Ernest Morsell E. H. Bradley E. E. McDonell E. W. Cotcheart	1,200.
s. Abel as. H. Seaton E. Fagan	1,600.00	E. W. Catchcart R. F. Johnson	1,200.
as. H. Seaton	1,595.64	R. F. Johnson	1,200.
E. Fagan	1,534.90	A. M. Houser	1,200.
S. Bliss	1,500.00 1,500.00	C. B. Finckel	1, 200. 1, 200.
enry Oldys. H. Howell	1,500,00	Wm. M. King V. K. Wharton	1,200.
A. Drake A. de Schweinitz o. R. Covert	1, 474.66	M. S. Bowie	1, 200,
A. de Schweinitz	1,462,90	F. B. Linton	1, 200. 1, 200.
o. R. Covert	1,425.32	A. G. McCall	1,200.
	1,400.00	C. C. Scott	1, 200.
S. Pennybacker	1,400.00	Janette Steuart	1,200.
N. Frice S. Pennybacker C. Wyatt McCutchen	1,400.00 1,400.00	P. R. Hindman	1, 200. 1, 200.
	1,400.00	H. Wincklemann P. R. Hindman Frank Bennett, jr	1, 200,
pointainy nuise Breedin nna Montgomery 7a H. Quinn	1,400.00	Albert Gaskill Edna M. Frost	1, 200. 1, 200.
nna Montgomery	1,400,00	Edna M. Frost.	1,200.
7a H. Quinn	1,400.00	F M Allen	1, 200,
	1,400.00	A. M. Winfield N. F. Haughton M. A. Marshall	1, 200. 1, 200.
o. H. Hendrix A. Champney	1,400.00 1,400.00	M A Marchall	1, 200. 0
	1,400.00	M. H. Manon	1, 200. (
lmund Burke	1,400.00	Mary E. Fagan	1,200.0 1,200.0 1,200.0
mund Burke rrie Harrison . W. Tracy, jr H. Gates	1,400,00	Mary E. Fagan Carl A. Crawford	1,200.
W. Theory in	1,400.00	C. C. Clarke	1, 198. 1, 198.

#### EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

### Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

#### SALARIES—Continued.

Name.	Amount.	Name.	Amount
eo. E. King K. Chesnut . M. Ingram udwicka Wieser . I. Vining . F. Caswell	\$1, 196. 70	T. B. Reamy	\$840.
K. Chesnut	1, 196. 70	A. S. Crain	840.
. M. Ingram	1, 191, 81		840.
udwicka Wieser	1, 183. 10 1, 167. 04	L. J. Simonton J. B. Adams O. F. Jones J. W. Duval Lawrence Gallagher Fred. J. Tyler Annie Parker Frank Andrews F. C. Oberly	833.
. L. Vining	1, 167. 04	O. F. Jones	800. 797.
. F. Caswell	1, 164. 12	J. W. Duval	797.
S. Holmes irginia Miller P. Fletcher B. Zimmerman	1, 162. 59	Lawrence Gallagner	796. 794.
P Flotabor	1, 160. 44 1, 115. 20	Annie Perker	794.
R Zimmermen	1, 102. 20	Frank Andrews	762.
M. Hendricks	1, 100. 00	F C Oberly	743.
R. Fravell	1, 100.00	F. C. Oberly O. S. Schriner Ed. C. Johnson Jno. Hornbacker	734.
R. Fravell A. Bennett L. Du Bois	1, 100, 60	Ed. C. Johnson	725. 725.
L. Du Bois	1,099.45	Jno. Hornbacker	725.
avid Waters	1,067.00	Henry Crompton	720.
M. Price	1,050.00 1,037.10	Thos. Rutledge	720.
M. Price arion Dorset ertha Heiges	1,037.10	Jno. Hornbacker. Henry Crompton. Thos. Rutledge. Clarence Bean. B. F. Ridgeway. J. M. Boardman. W. H. Lobrson.	720.
ertha Heiges	1,000.00	B. F. Ridgeway	720.
. A. Murray	1,000.00	J. M. Boardman	720.
A. Murray . C. Stoddard . A. Goodchield O. Riley	1,000.00 1,000.00	M F Prop	720.
O Riley	1,000.00	W H Moor	720. 720.
E. Bracev	1,000.00	W. H. Johnson M. F. Ryon W. H. Moor H. S. Mott	720.
L. Ogden	1,000.00	W. S. Canatsey	720.
E. Bracey L. Ogden leob Kotinski N. Caudell	1,000.00	W. S. Canatsey R. H. Cooke Thad Fairfax	720.
N. Caudell	1,000.00	Thad Fairfax	720.
H. Kent H. Gaut	1,000.00	Alfred Hawkins	720.
H. Gaut	1,000.00	Jas. Monroe	720.
S. Ricker. L. Scribner.	1,000.00	Moses Smith	720.
L. Scribner	1,000.00	S. D. Frost.	720.
E. Gray	1,000.00	A. J. Hodges. L. T. Harrison L. C. Kellerhouse E. M. Olmsted	720.
ra Skinner M. Jones J. Blair	1,000.00 1,000.00	L. T. Harrison	720.
I Bloir	1,000.00	F M Olmsted	720. 720.
B. Blankman	1,000.00	F. I. Price	720.
llie J. Adams	1,000.00	E. L. Price. W. C. Shimoneck Jno. Nicholas B. R. Sherwood	720
L. Wood	1,000.00	Jno. Nicholas	720.
ıllie J. Adams . L. Wood A. Reynolds	1,000.00	B. R. Sherwood.	720.
E. Jenkins M. J. Greene F. Hubbard W. Brett	1,000.00		720.
M. J. Greene	1,000.00	C. C. Crogan	720.
. F. Hubbard	1,000.00	J. E. Field	718.
W. Brett	1,000.00	M. C. Gannett	718.
C. Montgomery A. Pfender R. Oberly M. Thompson	1,000.00	Geo. I. Hall C. C. Crogan J. E. Field M. C. Gannett A. M. Dye Frank Snyder Alvena Haas M. A. Nelson D. S. Hanner	717.
P. Oberly	1,000.00	Frank Snyder	712.
M Thompson	1,000.00	M A Melson	700. 700.
athl. Shatswell	1,000.00	R. S. Hosmer	692.
. D. Tiemann	1,000.00	A. H. Kite	688.
M. Dovle	997.80	G. L. Clothier.	688.
. F. Harding	981.56	G. L. Clothier H. A. Daly	688. 678.
ary T. Dent	975.00 959.28	Otto Luebkert	668.
E. Ryder	959.28	H. C. Graham	665.
aunt Snatsweit D. Tiemann M. Doyle F. Harding ary T. Dent E. Ryder L. Watson Le McGill	950.00	H. C. Graham G. W. Sheerer E. G. Grau	660.
are M. Lord	937.54	E. G. Grau	660
oo R King	920.00	Sodio Hoskell	651.
P Caruthers	915, 80 915, 80	E I Linday	635, 630,
ara M. Loyd. 20. B. King. P. Caruthers. 10. S. Riggles. L. Wooden.	900.00	M. A. Spillman Sadia Haskell E. J. Linday B. I. Bennett	630.
L. Wooden	900.00		603.
SHIICHSON	900.00	J. H. Gordon W. W. Cooke D. G. Passmore	600.
race M. Stoddard	900.00	W. W. Cooke	600. 600.
D. Strause	900.00	D. G. Passmore.	600.
M. Hollidge	900.00	A A Newton	600.
M. Hollidge D. Harvey y Leonard H. Failyer A. Rice	900.00	Frank Sprague Q. R. Craft Edw. Block	600.
H Failver	873.10 865,93	Edw. Block	600. 600.
A. Rice.	857.18	1 H R Kinney	585.
S. Cartón	855, 85	G W Stiles ir	570
G. Masius	849.92	D. A. Plumley	567
S. Weidmann	840.00	C. V. Grant	570. 567. 541.
S. Cartón G. Masius S. Weidmann S. Williams H. Proeks	840.00	Celia Gelletly	540.
H. Brooks	840.00	J. A. Farley	537.
H. Brooks A. Mason T. Moore	840.00	S. R. Reeves	520. 516.
T. Moore.	840.00	Edw. Block A. H. B. Kinney G. W. Stiles, jr D. A. Plumley C. V. Grant Celia Gelletly J. A. Farley S. R. Reeves P. E. Brown	516.
	840.00		500.
E. Upton R. Knapp. Illian Burch D. Walter	840.00	Fred Lees	500.
llian Burch	840.00 840.00	V. P. Bradford E. W. Sawyer F. O. Martin	500. 500.
TATALOGIA OF CLEOTIA CONTRACTOR OF CONTRACTO	840.00	11. Dawyel	<i>900.</i>

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. SALARIES—Continued.

Name.	Amount.	Name.	Amount.
W. S. Stamper	\$500.00	L. E. Fairfax	\$210.00
Carrie Meyers	500.00	A. W. Thiel.	206.01
Ernest A. Bennett	500.00	L. J. Taliafero	197.82
P. E. Brown	492.41	Eliza Meredith	192.17
J. W. Joyce	490.00	E. A. Weeks	180.00
V. B. Newton	482,97 481,32	Flora Schmidt	176.91
Martha Boss.	481.32	M. L. Sewell A. C. Shepard	175.60
Susie Morgan	480.00	Lizzie Rollins	164. 82 164. 22
Elily Werner.	480.00	W. S. Shaler	150.00
K. W. Lane	477.07	Ralph W. Magee	148.33
Warren Parsons	470.78	W. L. Jepsom	145. 05
A. W. Smith.	469. 20	E. J. Lundy	130. 03
Geo. R. Ferguson	464.88	Sarah L. Garner	126.55
R. W. Magee	460.00	A. H. Williams	124.96
M. T. Warner	458, 76	S. A. Noone	113.45
T. B. Harrison	450.00	Harry Berckhead	105.00
Andrew Geddes.	421, 20	Mary Anderson	103. 71
M. B. Berryhill	420.00	F. W. S. Blanchard	101.10
M. C. Vance	420.00	Virginia Tenney	100. 20
S. A. Burlingame	420.00	M. N. Hassell	98.90
C. B. Milligan	408.02 401.10	E. J. Newmeyer	97.80
E. H. Stevens	396, 70	W. A. Sherman Noah Lohr	84.78 77.42
J. A. Bonsteel	396, 13	Andrew Fossum	75, 80
Harry Goding.	374.96	J. B. Tourney	75.00
A. A. Alexander	369, 53	Gertrude Parker	67. 83
E. B. Preston	360.00	Eliza Lewis.	60.00
J. W. Raley	353, 43	Harry Haws	60.00
Irving Frickey	350.00	L. T. Conway	59.30
Byron Hunter	335, 20	Robt. Bilsborough	49. 22
G. S. Meloy	335.20	Harry Thompson	45.00
M. L. Hall	335.20	R. A. Boss	43.50
S. M. Huddleson	334.03	J. C. Waite	41. 21
C. O. Wilhite	319.78	Patk. O'Brien	29.35
Mary A. Agnew	318.18	M. C. Smith	25. 73
J. G. Willier	317. 32	I. F. Bagley	24.00
G. B. McGinty	313. 81 300. 00	O. H. Collin	22, 58 14, 35
H. S. Graves	300.00	M. B. O'Brien L. L. White	13. 19
A. V. Steubenrauch	300.00	P. O. Differ	5, 00
W. R. Dudley.	300.00	Geo. P. Parks	. 4.57
W. F. Fox	300.00	Jas. Smallwood	1.50
C. E. Bessey	300.00	Chas. Norman	1.50
H. N. Whitford	300.00	Jno. Higgins	1.50
S. M. Coulter	300.00	Robt. H. Carter	1.50
Ethel Eckman	262.09	Burrell Carter	1.50
M. L. Brown	260.85	Wm. Atkinson	1.50
W. F. Tomlinson	250.00	E. B. Blackwell	1.50
B. H. Smith	250.00	J. Brown	1.50
Fred Lees	250.00	J. Brooks	1.50
Leroy Scribner	250.00	Alex. Washington	1.50
Helen Stokes	240.00	Phil. Briscoe	1.50
Martha Barnett	240.00	Jno. Thomas	1.50 1.50
Catherine Baltimore	240.00 234.75	J. Thompson	1.50
H. Hayward	230, 77	Jno. Higgins Wm. Smallwood	1.50
A. L. Ďahl G. W. Stiles	225, 00	Wm. Atkins	1.50
H. H. Chapman	225, 00	III. ALUMINO	1.00
A. M. Bryant	219. 15	Total	459, 278.81

#### SALARIES, WEATHER BUREAU, STATUTORY ROLL.

Willis L. Moore H. E. Williams Cleveland Abbe Frank H. Bigelow Charles F. Marvin Edward B. Garriott A. J. Henry Harry C. Frankenfield William B. Stockman	3,000.00 3,000.00 3,000.00 2,500.00 2,500.00 2,000.00 2,000.00	Edgar B. Calvert. Jno. P. Church. W. F. R. Phillips D. Maring. Jas. R. Cook Frank Gillam J. H. Jones F. M. Cleaver Robert Seyboth	2,000.00 1,945.09 1,800.00 1,726.63 1,800.00 1,800.00 1,600.00
Harry C. Frankenfield	2,000.00 2,000.00	F. M. Cleaver	1,800.00 1,600.00
James Berry J. H. Robinson	2,000.00	George E. Hunt John C. Ashton	

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. SALARIES, WEATHER BUREAU, STATUTORY ROLL—Continued.

Name.	Amount.	Name.	Amount.
Henry Pennywitt	\$1,600.00	Isaac N. Dolph	\$1,196.74
	1,610,92	F. A. Claveloux. Lucien F. Senior Julius J. Martin	997, 28
S. W. Beall	1,400.00	Lucien F. Senior	233. 69 766. 30
H. H. KIMDAII S. W. Beall J. T. Foy. G. W. Smith T. O. Pugh G. W. Hay Hiram J. Penrod Theo. T. Moore. H. T. Heistell	1,400,00	Julius J. Martin	766.30
G. W. Smith	1,400.00	Edward Dillon	1,000.00
C. W. Hay	1,400.00 1,400.00	James F. Collins	1,000.00
Hiram I Panrod	1,150.00	Hiram Johnson	990.38
Theo T Moore	1,400.00	Daniel F O'Neil	840.00
Theo, T. Moore H. L. Heiskell Jno. C. Stewart M. C. Bennett Jno. C. Fry Enoch G. Johnson Sophia A. Beuter H. W. Smith Harry B. Wren Wm Berry	1 405 48	Fred L. Francis	840.00
Jno. C. Stewart.	1,400.00	William Patrick	840.00
M. C. Bennett.	1,400,00	Gustav E. Rausch	840.00
Jno. C. Fry	1,400.00	Walter S. Thornton	840.00
Enoch G. Johnson	1,400.00	John W. Towers	579.2
Sophia A. Beuter	1,400.00	John M. Haynes	840.00
H. W. Smith.	1,400.00	Michael Hayes	720.00
Wm Power	292.87	Unarles W. Chambers	757. 25
Wm. Berry S. A. Potter Edward C. Easton	1,400.00	P. Hanson Weightman	478. 70 720. 00
Edward C Factor	1,400.00 1,107.07	William O Harroy	720.00
A. H. Kinnear	1, 250. 00	R H Morton	714. 13
R. F. de Grain	1 200 00	Frank M. Angelo.	328. 70
J. H. Melton.	1,200.00	Joseph Carev	720.00
J. H. Melton. W. D. Porter	1,200.00	David Keller.	652.34
R D Maston	1,200.00 1,200.00 1,200.00	Lucien F. Senior Julius J. Martin Edward Dillon James F. Collins Stewart S. Sharp Hiram Johnson Daniel F. O'Neil Fred L. Francis William Patrick Gustav E. Rausch Walter S. Thornton John W. Towers John M. Haynes Michael Hayes Charles W. Chambers W. K. Durnbaugh R. Hanson Weightman William O. Harvey R. H. Morton Frank M. Angelo Joseph Carey David Keller E. A. Branham Richard E. Rozelle W. Plummer	700. 22
J. L. Whiteside Arthur Thompson Belle P. N. Spencer Benjamin A. Blundon	1,200.00	Richard E. Rozelle	720.00
Arthur Thompson	1,200.00	W. Plummer	660.00
Belle P. N. Spencer	782.06	W. Plummer Horace F. Lyon John A. Balster	247. 50 55. 60
Benjamin A. Blundon	1,205.49	John A. Balster	55.60
Pubr C Hotze	1,200.00	William McLane, Jr	660.00
E. M. Mattison Ruby S. Hotze Wm. M. Husson Clinton J. Ashton	1,200.00 1,196.74	William McLane, jr Everett H. Hughes Joseph Brown Jesse Jones Richard S. N. Sartz Robert Williams	258. 50
Clinton I Ashton	1, 200. 00	Tosso Topos	692.61 448.90
D Marean	1,200.00	Richard S N Sartz	600.00
D. Marean Frank O. Stetson Homer W. Clough Charles Holmes	1,200.00	Robert Williams	409. 72
Homer W. Clough	1,200.00 1,200.00 1,200.00	John Driscow	410. 44
Charles Holmes	1,200.00	John Driscow Edward McDermott	600.00
Jos. B. Wilson	1, 116. 77	Plato T. Lee	567. 03
Jos. B. Wilson Alvin T. Burrows I. Gwynn Gardiner John J. McLean	998.90	Harry W. Maedel	600.00
i. Gwynn Gardiner	1,200.00 1,200.00	Frederick Rice	581.89 665.21
John J. McLean	1,200.00	Edward McDermott. Plato T. Lee. Harry W. Maedel. Frederick Rice John Sullivan. Wesley W. Jefferson. Adaline W. North Thomas H. Fichelberger. William Jones. George W. Thomas	005, 21
Herman Volker	1, 200. 00 1, 200. 00	Wesley W. Jenerson	498.40
Henry Goucher Samuel B. Gregory Charles F. Talman Mattie H. Chapman S. Perry Minnfelt	600.00	Thomas H Eichelberger	50, 50 600, 00 656, 74
Charles F. Talman	1, 189. 12	William Jones	656. 74
Mattie H. Chapman	1,000.00	George W. Thomas	284.40
S. Percy Minnick	1, 033, 30	Louis M. Campfield	668, 48
Genevra B. Diehl	1,000.00	Daniel J. Brown	40.40 610.00
Genevra B. Diehl. William N. Parker. Conrad E. Hesse	1,000,00	William Johnson George W. Thomas Louis M. Campfield Daniel J. Brown Lemuel E. Tait Thomas Patrick	610.00
Conrad E. Hesse	1,000.00	Thomas Patrick	513, 27
Frank D. Emery	1,000.00	Frank Matthews	385.82
Franklin G Tingley	1,000.00 1,005.52	Frank Matthews Frederick M. Eisenstein George M. Wilmeth Thomas Woolfolk	518, 57 39, 20
Richard O. Lazenby	1,000.00	Thomas Woolfolk	561. 91
Le Roy Weber	689.09	John W. Wolcott.	552, 43
Frank D. Emery Ralph C. Mize Franklin G. Tingley Richard O. Lazenby Le Roy Weber Frederick W. Brist Charles A. Howe	40, 76	John W. Wolcott Keith K. Rozzelle James N. Kline Alice L. Lieutaud	109. 95 431. 30
Charles A. Howe	252.64	James N. Kline	431, 30
Louis V. Luber John F. Humer Joseph U. Monroe Rowena A. Edwards	43.44	Alice L. Lieutaud	360.00
John F. Humer	624.96	Lucy Payne	240.00
Joseph U. Monroe	1,033.50	Amanda Lomax	240.00
Rowena A. Edwards	1,000.00	Clara A. Templeton	240.00
I. Frederick Davis	1,000.00	Fay F. Lewis	95, 79
Walter J. Bennett Alice T. Hercus Luman M. Cleveland	994. 56	Ance B. Lieutaud Lucy Payne Amanda Lomax Clara A. Templeton Fay F. Lewis John T. S. Burns Joseph B. Coleman	317.40
Luman M. Claveland	916. 80	Joseph B. Coleman	23, 23 404, 55
	931.37 900.00	Thomas D. Brohun	351.08
Herbert C. Merrill	900.00	Martin L. Barry	38 04
Charles W. Taylor	900, 00	Walter J. McDonald	11.41
C. Grant Bigham	902, 70	Lulu C. Hyle	72.71
Daura F. Hawkills Herbert C. Merrill Charles W. Taylor C. Grant Bigham Eric R. Miller Mary Long	902, 70 851, 09	Martin L. Barry Walter J. McDonald Lulu C. Hyle Shermont L. Lewis	11. 41 72. 71 28. 74
Mary Long. Claude C. Cooper. Charles W. Rohrer	840.00	Michael P. Roux	29, 34
Charles W. Debree	781.09	Carey A. Dolph	61.49
Rollo Coston	630.00	George C. Beck	32.77 268.91
Charles S Grindle	703. 08 63. 91	William Plummer, Jr	268, 91 32, 12
Henry A. Meyers	210.00	Michael P. Koux Carey A. Dolph George C. Beck William Plummer, jr. Stephen L. McCarthy Walter G. Avery. William Property	32, 12 44, 50
Belle Gaston Charles S. Grindle Henry A. Meyers Virginia M. Peticolas	720.00	William Bronsnan. Charles J. Stoddard Frank P. Torbert, jr	37, 14
	. =0.00		011
C. B. Tuch C. H. Pilcher	1,400.00 1,200.00	Charles J. Stoddard	32.96

### $Expenditures \ of \ the \ Department \ of \ Agriculture \ for \ fiscal \ year \ ending \ June \ 30, \ 1904--Cont'd.$

#### SALARIES, WEATHER BUREAU, STATUTORY ROLL-Continued.

Name.	Amount.	Name.	Amount.
Joseph D. Burns Louise P. Hiss. Walter B. B. Hill D. R. Holmes Herbert Roswell Edward J. Williams Walter E. Kelly. Henry W. Edgerton Walter Parker	\$192.44 174.36 39.56 213.63 43.86 33.36 198.49 26.37 94.28	Henry Hockstein Robert B. Atkinson Daniel J. Byrnes. Johnnie A. Dunmore James H. Richards, jr Robert L. Fearson Nettie P. McKnew Herman E. Hobbs Edward P. Gates	75. 81 19. 78 79. 11 56. 86 23. 49 74. 20 24. 73

#### BUREAU OF ANIMAL INDUSTRY, EXPENSES.

Date.	Name.	Nature of payment.	Total
1903.			
ily 15	Geo. E. Howard	Labels	\$2,749.
21	Wilcox & Harvey Manufacturing Co	Punch, etc	13.
	J. M. Lovelady	Pigs	24.
	Jno. Zickrick	Mare	15.
	Jas. B. Lambie	Morticer	30,
22	S. R. Burch	Traveling expenses	15.
28	White Horse	Mare	15.
	Jno. J. Slater	Abstract	44.
29	G. T. DeFreece	Corn	30.
	National Electric Supply Co	Desk fan	10.
	Miller Lock Co	Padlock	14.
	Jos. M. Good	Expenses	1.
0.1	H. A. Hedrick	Traveling expenses	12.
31	Marion T. Dorset et al.		5, 705.
ıg. 3	Ed. H. Webster	Services	168.
	M. W. Lang	0D	151. 151.
	Levi Wells	do	151
	B. F. Van Valkenburgh Geo. M. Whittaker	do	126
	W. D. Collyer	· do	151
	Geo. E. Howard	Lahale	1,800
	L. S. Depue	Meal and bran	249
	D. E. Salmon		14
4	Edwd. S. Schmid.	Feed	14
7	do	Mice.	î
	Jas. Johnston et al.	Salaries	1,881
	Julius Huelsen et al.		670
	H. A. Hedrick et al.		478
	W. H. Rose et al.	do	1,188
	Geo. C. Faville et al. G. H. Parks	do	294
	G. H. Parks	Services	134
	Jno. Callaghan	do	27
	Harry F. Hume	do	58
	H. D. Mayne	do	101
	W I Kennedy	do	125
5	Nathan K. Fegley et al	Salaries	262
	F. W. Bicknell	Services	250
	Geo. S. Hickox	do	134
	H. J. Hammond	do	117 126
	Allen A, Holcombe	00	117
	W. S. Cass	dodo	117
	Geo. A. Bond. N. L. Townsend.	do	117
	Robt. H. Treacy	do	117
	H. M. Rowe	do	117
	Wm. Proudfoot.	do	84
	R. M. Ramsay.	do	117
	Thos. Redmond	do	84
	David C. Hanawalt.	do	117
	S. W. McClure	do	101
	Clinton H. Bugbee	do	117
	David R. Hodges	do	84
	Thos. White	do	117
	W. W. Worcester	do	117
	Jno. McBirney	do	134
	Horace H. Collins	do	101
	Wilton F. Crewe	do	101
	Catherine J. Gard	do	17
	W. S. Hughes	Mare	20
	Jos. M. Turner	Servicesdo.	75. 84.

### $\label{lem:expenditures} \textit{Expenditures of the Department of Agriculture for fiscal year ending June~30,~1904---Cont'd.}$

Date.	Name.	Nature of payment.	Total
1903.			
ıg. 5	Wm. H. Wade.	Services	\$75
	C. L. Morin	do	101
	T O Pottov	dodo	101 117 84 84
	Wm Pflagging	do	84
	Isaac W. O'Rourke	do	117
	Frank Parker	do	78
	C. L. Morin. A. J. Pistor. F. O. Pettey. Wm. Pflaeging Isaac W. O'Rourke. Frank Parker Clayton E. Moss Thos. J. Lowry Jay Merrill R. G. Merrill Jno. C. Massie. Willis B. Lincoln F. W. Hopkins	do	117 78 84 84
	Thos. J. Lowry	do	84
	Jay Merrill	do	84 75
	Ino C Massia	dodo	84
	Willis B Lincoln	do	117
	F. W. Hopkins	do	117
	Lowell Clarke	do	126 188
	W. P. Ellenberger et al	Salaries	188
	Wm. G. Shaw	Services	117
	Murray J. Myers	do	78 117 117
	W. H. Meadors	dodo	117
	Arthur R Glaisver	do	117
	J. Otis Jacobs	do	117 117 84 101
	Willis B. Lincoln F. W. Hopkins Lowell Clarke W. P. Ellenberger et al. Wm. G. Shaw Murray J. Myers W. H. Meadors M. S. Lantz Arthur R. Glaisyer J. Otis Jacobs Matthew A. Farley Wilbur H. Hurst E. N. Hutchinson	do	84
	Wilbur H. Hurst	do	101
	E. N. Hutchinson	do	48
	Frank C. Eells. Wm. R. Fleming Henry R. McNally Morris T. Hascall	do	48 117 117 101
10	Honry P. McNelly	do	101
- 1	Morris T. Hascall	do	80
- 1	Jno. J. Hayes	do	117
	Morris T. Hascall Jno. J. Hayes Röy N. Drake W. R. Dennis Harry Hayward Albert Dean et al A. G. G. Richardson et al Albert E. Behnke et al L. K. Green et al	do	80 117 117 84
	W. R. Dennis	do	84
6	Harry Hayward	Traveling expenses	13 673 7,325 1,186
1	Albert Dean et al.	Salanes	7 201
	Albert E. Rehnke et al	do	1 186
	L. K. Green et al.	do	328 178 187 278
- 1	H. A. Christmann et al.	do	178
	Fredk. Braginton et al	do	187
- 0	Geo. Ditewig et al	do	278
	R. J. Blanche et al	do	187 202 187
9	Edwd P Dowd et al	do	187
	F. W. Huntington et al	do	129
	Leslie J. Allen.	Services	126 126 126
	H. B. Adair	do	126
	Peter I. Kershner	do	126
	Thos. A. Bray	do	126
	Geo W Browning	do	117 117 117
	Louis Metsker.	do	117
	A. G. Heinatusini et al. A. L. K. Green et al. L. K. Green et al. H. A. Christmann et al. Fredk. Braginton et al. Geo. Ditewig et al. R. J. Blanche et al. Jas. S. Kelly et al. Edwd. P. Dowd et al. F. W. Huntington et al. Leslie J. Allen H. B. Adair. Peter I. Kershner Thos. A. Bray. Arch. H. Wallace. Geo. W. Browning Louis Metsker. W. M. MacKeller Louis A. Klein Ernest J. Foreman Clarence A. Clawson Geo. E. Totten	do	117
	Louis A. Klein	do	117 117 117
	Clarence A Clarence	do	117
	Geo. E. Totten	do	117
	Jno. A. Sloan	. do	116
	Jno. A. Sloan Dan McCunningham R. W. McKibbin	do	101
	R. W. McKibbin	do	101
	Jno. L. Burgett. Frank W. Brewer Chas. Pearson C. A. McCall	do	101
	Ches Deersen	do	101 101 101
	C A McColl	do	101
	W. S. Johnson	do	101
	Wm. D. Jorden	do	101
	Chas. A. Brown	do	101 101 84
	Marion Dorset.	Expenses	17
7	J. D. Kichards	Mare	25
-	Jno. A. Bell	do	25 * 117 40
	D. Cumming	do	65
	A. J. Smith.	do	84 117 117
	Walter E. Howe.	do	117
	G. W. Butler	do	117
	C. A. McCall W. S. Johnson Wm. D. Jorden Chas. A. Brown Marion Dorset J. D. Richards Nathl. B. Smith Jno. A. Bell D. Cumming A. J. Smith Walter E. Howe G. W. Butler F. L. Russell Wm. E. Smith Jas. Hewes Chas. Cowie	do	56
	Jas. Hewes	do	90
			72 104

### $Expenditures\ of\ the\ Department\ of\ Agriculture\ for\ fiscal\ year\ ending\ June\ 30,\ 1904--Cont'd.$

Date.	Name.	Nature of payment.	Total.
1903.			
lug. 7	F. L. Russell. Wm. Thompson et al. Chas. A. Schauffer et al. Louis R. Baker et al. B. P. Wende et al. Louis Abel et al. Edd. B. Schoffter.	Traveling expenses	\$24.10 845.29 1,052.80 1,142.00 1,861.10 2,767.98
	Wm. Thompson et al	Salaries	845.29
	Unas. A. Schauffer et al	00	1,052.80
	R. P. Wende et al	do	1,142.00
	Louis Abel et al.	do	2, 767, 93
	Louis Abel et al. Edw. P. Schaffter W. B. Niles et al. J. B. Clancy et al. Geo. W. Pope et al. J. J. Brougham et al. H. H. George et al. Trajan A. Shipley et al. Wesley Neil et al. F. L. De Wolf et al. I. A. Bell et al.	do	771.54
	W. B. Niles et al.	do	494. 26 4, 240. 62 1, 598. 07 1, 628. 80 857. 40 338. 60 186. 38
0	J. B. Clancy et al.	do	4, 240. 62
8	Geo. W. Pope et al.	do	1,598.07
	H H George et al	do	957 40
	Trajan A. Shipley et al	do	338, 60
	Wesley Neil et al	do	186, 38
	F. L. De Wolf et al	do	
	I. A. Bell et al.	do	134. 36
	F. L. De Wolf et al. L. A. Bell et al. Boyd Baldwin et al. F. W. Ainsworth et al. Harry D. Paxson et al. F. D. Ketchum et al. Boyd Baldwin. Wm. J. Murphy et al. M. O. Anderson et al. W. H. Gibbs et al.	do	134. 36 712. 50 366. 90
	Herry D. Person et al.	do	1 221 0
	F. D. Ketchum et al	do	1, 231. 02 1, 106. 56
	Boyd Baldwin	Expenses	5. 12
10	Wm. J. Murphy et al	Salaries	5. 12 202. 20
	M. O. Anderson et al	do	187.00
	W. H. Gibbs et al. Joshua Miller et al Chas. H. Zink et al	do	161. 70 225, 18
	Joshua Miller et al	do	475. 00
	Chas. H. Zilk et al. Ella M. Caldwell et al. Henry E. Alvord S. R. Burch F. Auerback & Bro. Wm. Lochte. Cao. W. Moss	do	26.08
7	Henry E. Alvord	Traveling expenses	107 1
'	S. R. Burch	do	107. 13 5. 60 30. 00
	F. Auerback & Bro.	Rent	30.00
12	F. Auerback & Bro. Wm. Lochte. Geo. W. Moss. Harvard Laundry Co. E. C. Schroeder. Don C. Ayer et al. O. E. Dyson et al. Walter C. Stewart et al. Arthur B. Morse et al. O. B. Hase et al.	Shoeing horses	15. 12 245. 00 5. 00 9. 5
	Geo. W. Moss.	Passenger transportation	245.00
13	Harvard Laundry Co	Towel service	5.00
14	E. U. Schroeder	Expenses	2 926 6
14	O E Dyson et al	do	9 700 56
	Walter C. Stewart et al	do	2, 294, 24
	Arthur B. Morse et al.	do	3, 836. 68 9, 700. 56 2, 294. 24 187. 00
	O. B. Hess et al	do	417.70
	Jno. Forbes et al	do	3, 497. 2
	Jno. Forbes et al. J. C. Milnes et al. J. C. Milnes et al.	do	547.50
	J. C. Milnes et al.	do	429.30
	Nols C. Soronson et al	do	2 020 4
	Robt, Darling et al.	do	137. 00 417. 70 3, 497. 25 547. 50 726. 10 422. 80 2, 020. 41 202. 20
	Jas. Fleming et al	do	
	V. L. Brown et al.	do	2, 489. 16 9. 25 3. 00
	H. D. Mayne	Traveling expenses	9.20
	W. U. Barth	do	46.68
	J. C. Milnes et al. Geo. S. Baker et al. Nels C. Sorensen et al. Robt. Darling et al. J. L. Brown et al. H. D. Mayne W. C. Barth. Warren J. Fretz. W. W. Lang	do	108.03
	H. T. Potter	do	9. 2
	Walter Street. M. W. Lang H. T. Potter Wm. C. Honan Levi Wells	do	108.03 9.23 20.50
	Levi Wells	do	96.6
			2. 10 50. 8 5. 2
	Geo. S. Hickox. B. A. Gallagher F. W. Bicknell	do	50.8
	F W Ricknell	dodo	111.0
	Clarence Loveberry O. B. Hess. Chas. M. Day. Robt. H. Harrison	do	13, 6
	O. B. Hess	do	1.50 39.30
	Chas. M. Day.	do	39.30
	Robt. H. Harrison	do	8. 25 15. 85
			15.82
	W. D. Collyer B. F. Van Valkenburgh Thos. J. Lawry.	dodo	74. 14 28. 90
	Thos. J. Lawry	do	2.00
	C. L. Morin	do	2. 00 8. 28 16. 3
	C. L. Morin Willis B. Lincoln Loamer West W. E. Hill G. W. Ward Amy T. Mace Margaret Enright	do	16. 3
,	Loamer West	Services	101.10
	W. E. Hill	do	101.10 117.90 23.6
	G. W. Ward	do	22 6
	Margaret Enright	do	13.0
	Jos. M. Good.	do	117.90
	Albert Long	do	117.9
	Albert Long F. M. Perry E. A. McDonald	do	13.04 117.90 117.90 117.90
	E A McDonald	do	136.00 64.00 18.00
	W. H. Saylor H. TPotter		010

### Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

Date.	Name.	Nature of payment.	Total.
1903.	Mae Searles Addie E. Benneson M. R. Fletcher Clara E. Holmes Kate H. Brady Mattle Kneeland Jas. W. Davis Dean G. Cooper A. G. G. Richardson H. H. George O. B. Hess W. H. Rose Anderson & Rounds J. R. Stafford F. D. Ketcham A. P. Little		
Aug. 14	Mae Searles	Services	\$14.6
	Addle E. Benneson	do	13. 0 1. 9
	Clara E. Holmes	do	8. 1
	Kate H. Brady	do	13.0
	Mattie Kneeland	do	8.1
	Jas. W. Davis.	do	75.8 117.9
	Dean G. Cooper	Expanses	117.90
	H. H. George	do	9.1 6.3
	O. B. Hess	do	9.8
	W. H. Rose.	do	14.4
	Anderson & Rounds	Three mares	120.0
	F D Ketchom	do	$10.0 \\ 25.0$
	A. P. Little	Supplies	5.1
	Chas. Wooden Leg	Use horse and buggydo. Supplies Mare.	15.0
	Jno. Eagle Louse	do	15.0 17.0 25.0
	Chas. Keane	ose norse and buggy	25.0 45.0
	Robt, Darling	do	25.0
	Albert E. Behnke	do	35.0
	Johnson Bros.	Mare	15.0
	Kussell G. Merrill.	Use norse and buggy	25.0
	J. R. Stafford F. D. Ketcham A. P. Little Chas. Wooden Leg Jno. Eagle Louse Chas. Keane Saml. E. Bennett Robt. Darling Albert E. Behnke Johnson Bros Russell G. Merrill Hiram W. Hawley Jno. C. Lorenzen Geo. W. Butler Chas. M. Shank Corbin Morse Aug. C. Jens. Rawlins Implement Co. W. S. Cass. Travis & De Freece Jas. W. Davis Don C. Ayer Jas. J. Brougham Jno. Post. Geo. E. Howard. The M. Lindsay Rubber Co. Densmore Typewriter Co St. Louis National Stockyards Co. W. S. Goodhue Z. D. Gilman W. B. Moses & Sons Fred. A. Schmidt National Electric Supply Co. do. do. do. do. Geo. E. Howard.	do	32.0 35.1
	Geo. W. Butler	do	30.0
	Chas. M. Shank	Butter	3.4
	Corbin Morse	Mares	35.0
	Aug. C. Jens.	Livery	25. 0 25. 4
	W. S. Cass	Livery	34.0
	Travis & De Freece	Wire	11. 4 18. 0
	Jas. W. Davis	Livery	18.0
	Don C. Ayer	do	15.0
	Ino Post	Oate and bran	40.0 36.0
	Geo. E. Heward	Labels	500.5
	The M. Lindsay Rubber Co	Aprons	9.0
	Densmore Typewriter Co	Rubber covers	2.0 50.0
	W S Goodbye	do	50.0
15	Z. D. Gilman	Supplies	5.4
	W. B. Moses & Sons	Chair	5. 5
	Fred. A. Schmidt.	Pens	1. 1 10. 5
	do	rando	10.5
	do	Clusters	3.0
	dodododoedo. E. Howard. Yawman & Erbe Manufacturing Co The Publishers and Printers' Engraving Co	Fuses	2.6 $2,749.5$
157	Geo. E. Howard	Labels	2,749.5
17	The Publishers and Printers' Engraving Co	Indexes, etc. Engraving	12.2
	Eimer & Amend	Aniline	18.9 2.5
18	Woodward & Lothrop	Desk	42.1
	Eimer & Amend. Woodward & Lothrop Lamb & Tilden R. Carter Ballantynedo. E. T. Davison et al.	Ink.	12.0
	do	Pens Pens	3.4
19	E. T. Davison et al.	Salaries	3.4 19.7 802.2
	E. T. Davison et al Henry P. Armsby et al Caroline Burnaby. W. H. Wray. Levi P. Beechy Tooie A. Geddes. Isaiah Richards. Henry M. Edsall W. H. Wray. Robt. H. Treacy Arthur A. Glaisyer. W. B. Niles. W. R. Fleming N. L. Townsend. Morris T. Haskell Geo. S. Baker W. S. Casss.	do	
	Caroline Burnaby	Services	40.0 387.5 117.9
	W. H. Wray	do	387.5
	Toole A Geddes	do	210.6
	Isaiah Richards	do	84. 2
	Henry M. Edsall.	Traveling expenses	210.6 84.2 11.9
	W. H. Wray.	do	7.5
	Arthur A Glaisver	do	42.5 50.0
	W. B. Niles	do	3.8
	W. R. Fleming	do	23.5
	N. L. Townsend	do	11.9
	Morris T. Haskell	do	1.5
	W. S. Cass	do	6.8 16.6
	Wm. E. Smith	do	7.8
	F. M. Perry	do	11.2
	W. S. Cass Wm. E. Smith F. M. Perry Geo. W. Pope Jno. A. Bell Geo. E. Totten	do	11. 2 7. 1 10. 5

 $Expenditures\ of\ the\ Department\ of\ Agriculture\ for\ fiscal\ year\ ending\ June\ 30,\ 1904--Cont'd.$ 

	Name.	Nature of payment.	Tota
1903.			
ig. 19	M. A. Sappington Louis A. Klein Jos.W. Parker Chas. A. Brown Geo. C. Moser	Traveling expenses	\$22
	Louis A. Klein	do	\$25 15
	Jos.W. Parker	do	
	Chas. A. Brown	do	į.
	Geo. C. Moser F. O. Pettey. W. H. Wray. J. B. Claney. do Julius Hudsen Geo. S. Hickox E. T. Davison Clarence Loveberry. N. C. Sorensen	do	10
	W. H. Whoy	Empaga	10
	I R Clopey	Expenses	
0	do	do	4
	Julius Hudsen	do	,
	Geo. S. Hickox	do	1 6
	E. T. Davison	do	1
	Clarence Loveberry	do	1
	N. C. Sorensen	do	
	W. B. Niles	do	13
	Sami. E. Bennett	do	1
	The Jas. A. Gray Co.	File ties	77
	T S Buck Manufacturing Co	Comont	7' 1'
	Queen & Co (Incorporated)	Alcohol	1
	Chadwick Copying Book Co	Books	4
	Clarence Loveberry N. C. Sorensen W. B. Niles Saml. E. Bennett The Jas. A. Gray Co Union Envelope Co. T. S. Buck Manufacturing Co Queen & Co. (Incorporated). Chadwick Copying Book Co. Leo G. Wood Chas. M. Bourne C. H. Mathews Valentine Hussong Wm. S. Wood	Mare	20
	Chas. M. Bourne	Mares	6
	C. H. Mathews	Stallion	60
	Valentine Hussong	Mare	2
	Wm. S. Wood	Mares	6
	Wm. S. Wood Jno. Phillips Mrs. E. F. Arnold Norvell Shapleigh Hardware Co.	Mare	20
	Mrs. E. F. Arnold	do. Clippers	2
	Boston Electric Co.	Fans.	0
	Boston Electric Co O. E. Dyson S. W. Burt Thos. R. Riley Lutz & Co Ed. H. Webster Frank Parker	Livory	2
	S W Rurt	LiverydoTags	2 2 2
20	Thos R Riley	Tags	
	Lutz & Co.	Pads.	
21	Ed. H. Webster	Pads Expenses Traveling expenses	14 3.
	Frank Parker	Traveling expenses	3
	Ed. H. Webster	do	7
22	G. W. Ward	do	29
	Wm. F. Pflaeging	do	48
	S. W. McClure		10
	Ino MoDimov	do	10:
1	E N Hutchinson	do	4
3	A. J. Pistor	do	75 47 49
1	N. B. Smith	do	4"
	Henry R. McNally	do	4° 2°
	A. H. Wallace	do	2
	Western L. Johnson	do	
	Dan McCunningham	do	30
	Thos. A. Bray	do	4.
24	M C Lortz	dodo	40
24	Frank Parker Ed. H. Webster G. W. Ward Wm. F. Pflaeging S. W. McClure. D. C. Hanawalt Jno. McBirney E. N. Hutchinson A. J. Pistor N. B. Smith Henry R. McNally A. H. Wallace Western L. Johnson Dan McCunningham Thos. A. Bray Chas. Pearson M. S. Lantz Walter E. Howe	do	9
	Clayton E. Moss	do	1.50
	Tooie A. Geddes.	do	9: 150 36
	Ernest J. Foreman	do	4:
	Louis Metsker	do	8:
	C. A. Clawson	do	40
	Wm. M. MacKellar	do	4
	F. W. Brewer	do	58
	Wm. G. Shaw	do	87
	M. A. Farley, jr.		85 87 105
	Ino I Hoyes	do	80
	C H Bughee	do	89 114
	L. J. Allen	do	114 48
	W. D. Jordan	do	4'
	Chas. Pearson M. S. Lantz. Walter E. Howe Clayton E. Moss Tooie A. Geddes. Ernest J. Foreman Louis Metsker C. A. Clawson Wm. M. MacKellar F. W. Brewer Wm. G. Shaw M. A. Farley, jr. Frank C. Eells Jno. J. Hayes C. H. Bugbee L. J. Allen W. D. Jordan J. W. O'Rourke Jno. Roher J. F. Ryder Jno. L. Burgett O. B. Hess E. A. McDonald C. A. McCall Lowell Clarke	do	7
	Jno. R. Mohler	Expenses	
25	J. F. Ryder	Traveling expenses	30
	Jno. L. Burgett	do	34
	O. B. Hess	do	196
	E. A. McDonald	00	130
	C. A. McCall Lowell Clarke	00	56
	Lowell Clarke J. F. Ryder American Ice Co Rudolph, West & Co Eimer & Amend.	Sorving	136 58 168 32 11
	o. r. ityuci	Too	100
	American Ice Co		

Date.	Name.	Nature of payment.	Tota
1903.			
ug. 25	Bausch & Lamb Optical Codo. Trustees of the Milk Street Trust David R. Hodges Wesley N. Niel Roy N. Drake. W. W. Worcester E. T. Davison.	Supplies	\$49
	Thurston of the Mills Street Thurst	Microtome	62
26	David R Hodges	Traveling expenses	78 13
20	Wesley N. Niel	dodo.	9.
	Roy N. Drake.	do	6: 5: 84
	W. W. Worcester	do	5
	E. T. Davison	do	8
	Jno. A. Stauffer	do	
	H. J. Gilmore	Lumber	9
27	Wilhur H Hurst	Traveling expenses	8
21	Thos. Redmond	do	8
	A. R. Wake	do	5
	Isaiah Richards	do	5
	J. Otis Jacobs	do	10
	L. K. Green	do	8
	The White	do	8
	Geo M Rommel	do	6
	E. T. Davison. Jno. A. Stauffer H. J. Gilmore. The Anderson Lumber Co. Wilbur H. Hurst Thos. Redmond A. R. Wake Isaiah Richards J. Otis Jacobs L. K. Green Harry M. Ball Thos. White. Geo. M. Rommel H. M. Rowe	do	9.
	Clarence Loveberry	Expenses	3
	H. M. Rowe Clarence Loveberry Chas. M. Bourne	Mare	3 2
	J. P. Nawrath	Cable	1
	I. J. M. Brown	Service, man, horse, and saddle	4
	L. S. Depue Thos. R. Riley Geo. D. Markham E. G. Schafer & Co. News Publishing Co Henry E. Alvord Clarence Loveberry et al. Geo. D. Markham Chas. Hubinger Marion T. Dorset et al. Ed. H. Webster. Geo. M. Whitaker W. D. Collyer M. W. Lang B. F. Van Valkenburgh Levi Wells Jno. Callahan H. D. Mayne G. H. Parks Harvey F. Hume F. W. Hopkins Willis B. Lincoln Wm. G. Shaw Joseph M. Good W. H. Meadors Jos. M. Turner Marion Dorset. F. W. Ainsworth S. R. Burch W. P. Ellenberger E. J. Drake Geo. A. Bond R. A. Ramsay Faw. C. Joss A. J. Smith Wm. Proudfoot Jno. C. Massie Jass Johnston et al. W. H. Meadors Henry P. Armsby et al. Jass. Johnston et al. W. H. Ellenberger et al. Geo. C. Faville et al. H. A. Hederick et al. Julius Huelsen et al. W. H. Rose et al. Geo. E. Bedell. Potomac Electric Power Co.	Cable. Service, man, horse, and saddle Corn, etc. Lumber	3 7
	Geo D Markham	Hogs.	14
	E G Schafor & Co	Solder	1.4
	News Publishing Co.	Advertising	
28	Henry E. Alvord	Traveling expenses	4
	Clarence Loveberry et al	Salaries	48
	Geo. D. Markham	Cattle	20
91	Chas. Hubinger	Hardware	5,96
31 ot. 3	Marion T. Dorset et al	Salaries	5,96
)t. o	Geo M Whiteker	Services	12
	W. D. Collver	do	15
	M. W. Lang	do	15
	B. F. Van Valkenburgh	do	15
	Levi Wells	do	15
	Jno. Callahan	do	3
	G. H. Parks	do	10
	Harvey F Hume	do	13 6 11 11
	F. W. Hopkins	do	11
	Willis B. Lincoln	do	11
	Wm. G. Shaw	do	1
	Joseph M. Good	do	11 11 11
	W. H. Meadors	do	11
	Marion Dorset	Expanses	7.
	F W Ainsworth	do	10
	S. R. Burch	Traveling expenses	3
	W. P. Ellenberger	do	(
	E. J. Drake	do	19
	Geo. A. Bond	do	14. 8
	R. A. Kamsay.	do	8
	A I Smith	do	12
	Wm. Proudfoot	do	120
	Jno. C. Massie	do	5: 8:
	Jay Merrill	do	12
	W. H. Meadors	do	3- 19
4	Henry P. Armsby et al.	Salaries	190
	W P Fllonborger et al	do	2,074
	Geo C Faville et al	dodo	188
	H. A. Hedrick et al	do	479
	Julius Huelsen et al.	do	188 299 478 658
	W. H. Rose et al.	do	1,188
	Geo. E. Bedell	Recaning chairs	,
	Potomac Electric Power Co.	Electric current	50 36
	Wasnington Gas Light Co	Gas	3€
5	Julius Huelsen et al. W. H. Rose et al. Geo. E. Bedell Potomac Electric Power Co. Washington Gas Light Co. F. W. Bicknell Geo. W. Pope et al. Lewis R. Baker et al. N. E. Behnke et al. Nathan K. Fegley et al.	Services	250
J	Lewis R Raker et al	balariesdo	1,349
	A. E. Behnke et al	do	1, 119 1, 257 262
	JOHIEN OF GIALLES AND		1,40

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

Date.	Name.	Nature of payment.	Total.
1903.			
Sept. 5	Edw. P. Schaffter et al. C. A. Schaufler et al. J. J. Brougham et al	Salaries	\$650.6
	C. A. Schauffer et al.	do	1,088.8
	J. J. Brougham et al	do	1,028.8
8	O E Dyson et al	do	9, 618
Ŭ	J. J. Brougham et al J. E. Blackwell et al O. E. Dyson et al Harry N. Waller et al Virgil L. Brown et al A. J. Pistor A. D. Melvin CL. Morin Boyd Baldwin E. L. De Wolf	do	1,088.8 1,628.8 3,356.6 9,618.3 2,972.3 2,482.4
	Virgil L. Brown et al.	do	2,482.4
	A. J. Pistor	Services	117.9
	A. D. Melvin	Traveling expenses	
9	CL. Morin.	do	5. 4 4. 9
	Boyd Baldwin	Expenses	4. 9
	Horaca H Collins	do	101 1
	Lowell Clarke	Services	196.4
	Geo. A. Bond	do.	101.1 126.4 117.9
	Thos. J. Lowerv	do	84 9
	Wilbur H. Hunt	do	101. 1 117. 9 126. 4
	Walter E. Howe	do	117.9
	Allen A. Holcombe	do	126.4
	Boyd Baldwin. F. L. De Wolf. Horace H. Collins. Lowell Clarke. Geo. A. Bond. Thos. J. Lowery. Wilbur H. Hunt. Walter E. Howe. Allen A. Holcombe John J. Hayes. Geo. S. Hickox. I. W. O'Rourke. Frank Parker	do	117. 9 134. 8 117. 9 101. 1
	I W O'Rourke	do	117 (
	Frank Parker	do	101
	F. O. Pettev	do	84.
	Frank Parker F. O. Pettey W. W. Worcester G. R. Brewer	do	84.1 117.1 23.
	G. R. Brewer	do	23.
	J. O. C. Massie M. S. Lantz J. Otis Jacobs Ernest N. Hutchinson	do	84.
	M. S. Lantz	00	117.
	Ermost N Hutchinson	do	117. 117. 126.
	David R. Hodges Morris T. Hascall II. J. Hammond D. C. Hanawalt	do	84.
	Morris T. Hascall	do	84.1 117.1 117.1
	H. J. Hammond	do	117.
	D. C. Hanawalt	do	117.
	A. R. Glaisyer	do	15.
	Thos. Redmond	do	84.
	W. R. Fleming		117.
	W P Donnie	do	117. 15.: 84.: 117.: 117.: 84.:
	Laomer West	do	101
	Jno. L. Burgett	do	101. 101. 117.
	Geo. W. Browning.	do	117.
	Arch. H. Wallace	do	117
	C. A. McCall	do	101. 117. 117.
	Front I Former	do	117.
	H R Adair	do	126.
	D Cumming	do	101
	C. L. Morin	do	101. 101.
	D. C. Hanawalt A. R. Glaisyer Thos. Redmond W. R. Fleming Thos. J. White W. R. Dennis Laomer West. Jno. L. Burgett. Geo. W. Browning Arch. H. Wallace C. A. McCall Geo. E. Totten Ernest J. Foreman H. B. Adair D. Cumming C. L. Morin W. S. Cass W. F. Crewe Chas. W. Deming Clinton H. Bugbee	do	117
	W. F. Crewe	do	101.
	Chas. W. Deming	do	101. 101. 117.
	Ray N. Droko	00	117.
	Ray N. Drake Frank C. Eells M. A. Farley, jr A. J. Smith	do	117. 117. 84.
	M. A. Farley, ir	do	84.
	A. J. Smith. N. B. Smith. N. B. Smith. N. L. Townsend. Clarence O. Durfee Jas. Irwin. F. M. Perry. Wm. H. Wade. Harry M. Ball. Henry R. McNally B. G. Merrill. S. W. McClure. Clayton E. Moss. Jno. MeBirney. Jno. Forbes Isaiah Richards. H. M. Rowe B. A. Ramsay. Wm. Proudfoot. C. A. Clawson. W. L. Johnson.	do	84.
	N. B. Smith	do	117.
	N. L. Townsend	do	117.
	Clarence O. Durfee	do	26.
	Jas. 11Will.	00	84. 84. 117. 117. 26. 84. 117. 75.
	Wm. H. Wade	do	75
	Harry M. Ball.	do	117.
	Henry R. McNally	do	101.
	R. G. Merrill	do	75.
	S. W. McClure	do	101.
	Ulayton E. Moss	do	101. 75. 101. 84. 134.
	Ino Forbos	0D	134.
	Isaiah Richards	do	134. 84.
	H. M. Rowe	do	117.
	R. A. Ramsay	do	117. 117. 84. 117.
	Wm. Proudfoot	do	84.
	C. A. Clawson	do	117.
	W. L. Johnson. Frank W. Brewer: S. J. Allen. Jno. A. Sloan.	do	1011
	Frank W. Brewer:		101. 126. 117.
	Tro A Cloop	do	120.
			116.

Date.	Name.	Nature of payment.	Total.
1903.			
Sept. 9	Chas. Pearson. Wm. M. MacKellar Wm. D. Jordan Louis Metsker Peter J. Kershner Chas. O. Brown Thos. A. Bray Dan McCunningham Louis A. Klein Lay Merrill	Services	\$101.10 117.90
	Wm. M. MacKellar	do	117.90
	Wm. D. Jordan	do	101.10
	Peter J Kershper	do	126 40
	Chas. O. Brown	do	101. 10 117. 90 126. 40 84. 20
	Thos. A. Bray	do	
	Thos. A. Gray.  Dan McCunningham Louis A. Klein Jay Merrill.  Albert Dean et al. Geo. Ditewig et al. R. P. Blanche et al. Edw. P. Dowd et al. Edw. P. Dowd et al. L. K. Greene et al. W. J. Murphy et al. Boyd Baldwin et al. F. W. Huntington et al. J. S. Kelly et al. B. P. Wende et al. H. H. George et al. F. L. De Wolf et al. W. F. Pfaeging. Albert N. Irwin G. W. Ward  L. S. Depue. Geo. E. Howard. Harry D. Paxson et al. F. D. Ketchum et al. W. H. Gibbs et al. C. H. Zink et al. Jas. Fleming et al. A. F. Martins Allen A. Holcombe H. T. Potter Morris Wooden A. G. G. Richardson Wm. Thompson Julius Huelson H. H. George. Rudolph, West & Co. Eimer & Amend. Gueen & Co., Inc. do. Len Colling and Co. Len Colling and Colling and Colling and Colling and Co. Len Colling and C	do	101. 10 117. 90 84. 20
	Louis A. Klein	do	117.90
	Albert Deep et al	Salariae	673.90
	Geo Ditewig et al	do	278.00
	R. P. Blanche et al.	do	126, 40
	Edw. P. Dowd et al	do	187.00
	Fredk. Braginton et al	do	187.00
	L. K. Greene et al.	do	320.10
	W. J. Murphy et al.	do	320. 10 202. 20 611. 40
	F W Huntington et al	do	127 10
	J. S. Kelly et al	do	127.10 202.20 1,958.93
	B. P. Wende et al	do	1,958.93
	H. H. George et al.	do	857, 40
	F. L. De Wolf et al.	do	
	W. F. Phaeging	Services	84. 20 48. 91 117. 90
	G W Word	0D	117 00
	d. W. Wald	Traveling expenses	21.75
	L. S. Depue	Bran and meal	21.75 $228.00$
	Geo. E. Howard	Labels	3,250.00 1,244.42 1,091.09
10	Harry D. Paxson et al	Salaries	1,244.42
	F. D. Ketchum et al	do	1,091.09
	W. H. GIDDS et al	do	161. 70 448. 90 1,014. 80
	Ige Flaming of al	do	1 014 80
	A. F. Martins	Traveling expenses	11.85
	Allen A. Holcombe.	do	11.85 100.50
	H. T. Potter	Services	6.00 151.60
	Morris Wooden	do	151.60
	A. G. G. Richardson	Expenses	7.65
	Tuline Huelson	do	3.05
	H. H. George	do	7 17
	Rudolph, West & Co.	Shovels, etc	10.25 7.17 47.65
	Eimer & Amend	Pestle	2.30 3.00
	Queen & Co., Inc	Cover glasses	3.00
	Union Envelope Co	Paramn, etc	6.69
	Union Envelope Co. Henry Heil Chemical Co. Whitall, Tatum & Co.	Envelopes Peptone, etc Droppers Flasks	79.31 21.00
	Whitall, Tatum & Co.	Droppers	4.35
	do	Flasks	4. 35 20. 67
	F. Bishop & Co	Platinum wire	4.52
	Mallinckrodt Chemical Co	American sulphate	13.70
	F. Bishop & Co. Mallinckrodt Chemical Co. Fred. A. Schmidt.	American sulphate Sealing wax Paper	3.00 4.50
	R. P. Clarke Co	Sheeting	1.80
	R. P. Clarke Co Barber & Ross Jas. B. Lambie Edw. Schmid	Files Brooms, etc Feed	7, 20
	Jas. B. Lambie	Brooms, etc	7. 20 25. 30 14. 00
	Edw. Schmid	Feed	14.00
		Pigeons Brushes Tubing and bands Reins	. 40 6. 37
	Blum Bros. L. G. Orndorffdo	Brushes	6.37
	do	Poins	$\frac{1.60}{2.50}$
			6.00
	do.	Glass stoppers	2.25
	Mallinckrodt Chemical Works	Benzole	. 50
11	do Mallinckrodt Chemical Works Mamie Trice Howard Loundry Co	Hogs	21. 25
	Harvard Laundry Co	Towel service	4.70 15.00
	Goo D Markham	Hore	60.00
	The Evening News Publishing Co.	Books and Ink Glass stoppers Benzole Hogs Towel service Repairs Hogs Advertising	5.40
	Mamie Trice Harvard Laundry Co. Underwood Typewriter Co. Geo. D. Markham. The Evening News Publishing Co. Chicago Car Seal and Manufacturing Co.	Seals.	14.50
	G. W. Butler	Use horse and buggy	30.00
	F. Auerbach & Bro	Office rent	30.00
	J. R. Statiord	Use horse and buggy	10.00
	Aug C Jane	00	25.00 $25.00$
	Geo. D. Markham The Evening News Publishing Co Chicago Car Seal and Manufacturing Co. G. W. Butler F. Auerbach & Bro J. R. Stafford R. G. Merrill Aug. C. Jens E. J. Brooks & Co. Whirlwind Horse Chas. Robertson	Seals	50,88
	Whirlwind Horse	Mare	15.00
	Chas. Robertson	do	20.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

te.	Name.	Nature of payment.	Tota
3.			
. 11	F. D. Ketchum	. Use horse and buggy	\$2
	Jas. J. Brougham.	do	4
	Geo. A. Myers & Co	Paper.	2
	F. D. Ketchum Jas, J. Brougham. Geo. A. Myers & Co. J. R. Brennan. W. S. Goodhue. Jno. Post Old Dominion Paper Co. David Pifferling. The Anderson Lumber Co. Samuel E. Rappett	Mare Office rent	2
	W. S. Goodhue	Office rent	5
	Jno. Post	Oats, etc. Books.	4
	Old Dominion Paper Co	Horses.	g
	The Anderson Lumber Co	I umbor	กา
	Samuel E Rennett	Lumber. Use horse and buggy Shoeing horses.	21 4 1
12	Wm Lochte	Shoeing horses	1
	American Ice Co	Ice	3
	Dan. C. Aver et al.	Salaries	3,82
	Levi P. Beechy et al.	do	44 33
	T. A. Shipley et al.	do	33
	A. G. G. Richardson et al	do	7,62
14	Geo. E. Howard	Stamps, etc	24 48
7.0	L. S. Depue	Oats	48
16	W P Nilos et al	Salaries	. 42 54 54 41
	Ches Koone et al	do	54
	O R Hess et al	do	41
	Clarence Loveberry et al	do	42
	Fredk, Ainsworth et al	do	37
	Joshua Miller et al.	do	37 25 93
	Jno. Post. David Pifferling. The Anderson Lumber Co. Samuel E. Bennett. Wm. Lochte. American Ice Co. Dan. C. Ayer et al. Levi P. Beechy et al. T. A. Shipley et al. T. A. G. Richardson et al. Geo. E. Howard. L. S. Depue. Geo. S. Baker et al. W. B. Niles et al. Chas. Keane et al. O. B. Hess et al. Clarence Loveberry et al. Fredk. Ainsworth et al. Joshua Miller et al. E. T. Davison et al. W. N. Neil et al. Wm. Thompson et al. N. C. Sorensen et al. J. B. Clancy et al. W. J. Stewart et al. Robt. Darling et al. J. C. Milnes et al. Herman A. Christman et al. M. O. Anderson et al. Isetta A. Bell et al. W. H. Wray. Geo. W. Pope Matilda Evanson Charlotte R. Grosse W. H. Wray. J. F. Ryder. Deam G. Cooper A. C. Hart. Geo. W. Butler Robt. H. Treacy Caroline Burnaby Chas. Cowie. Wm. E. Smith W. E. Hill. Jas. W. Davis Jas. Hewes. M. W. Lang Levi Wells. J. F. Ryder W. B. Niles W. H. Wray Geo. W. Pope Chas. M. Day Jas. Hewes. M. W. Lang Levi Wells. J. F. Ryder W. B. Niles W. H. Wray Geo. W. Pope Chas. M. Day Jas. Hewes. M. Day Jas. Hewes. Jno. P. O'Leary Wm. C. Honan T. P. White Thos. W. Oshel Ed. H. Webster W. D. Collyer Clarence Loveberry H. D. Mayne F. M. Perry Geo. S. Baker Geo. S. Baker Geo. S. Baker Geo. S. Hickox B. F. Van Valkenburgh Chas. Pearson Louis Metsker. Jos. W. Parker W. J. Fretz. R. W. Hickman Wm. M. MacKeller Thos. A. Bray.	do	93
	W. N. Neil et al	do	70
	Wm. Thompson et al	do	81
	N. C. Sorensen et al	do	81 1,99 4,22 4,36 20 21
	J. B. Clancy et al	do	4, 22
	W. J. Stewart et al.	do	4, 30
	L C Milnes et al	do	20
	Hormon A Christman et al	do	15
	M O Anderson et al	do	18
	Isetta A. Bell et al	do	18 21
	W. H. Wrav	Expenses	
	Geo. W. Pope	do	
	Matilda Evanson	Services	4
	Charlotte R. Grosse	do	3
	W. H. Wray	do	38
	J. F. Ryder	do	16
	Dean G. Cooper	do	11
- 1	A. U. Hart.	do	4 3 38 16 11 11 11
- 1	Poht H Tracey	do	11
)	Caroline Burnaby	do	4
	Chas. Cowie	do	4 9
1	Wm. E. Smith	do	9
- 1	W. E. Hill	do	10
	Jas. W. Davis	do	7.
	Jas. Hewes	do	7
	M. W. Lang	Traveling expenses	14 15
	Levi wells		15
	W P Niles	do	30
	W H Wrey	do	1.
	Geo. W. Pope	do	
	Chas, M. Day	do-	4.
	Jas. Hewes.	do	4
	Jno. P. O'Leary	do	10
	Wm. C. Honan	do	10
	T. P. White	do	1
	Thos. W. Oshel	do	
	Ed. H. Webster	do	70
	W. D. Collyer		35
	H D Mayro	do	1.
	F M Porry	do	
	Geo. S. Baker	do	
	Geo. S. Hickox	do	38
	B. F. Van Valkenburgh	do	15
	Chas. Pearson.	do	1.
	Louis Metsker	do	15 27
	Jos. W. Parker	do	2
	W. J. Fretz	do	55
	R. W. Hickman	do	33
	Was Markellan	do	65

Date.	Name.	Nature of payment.	Total.
1903.			
Sept. 16	Jno. L. Burgett	Traveling expenses	\$15.50
-	Peter I. Kershuer. Geo. E. Totten.	do	10.3 8.7
			8. 7. 13. 10
	W. H. Rose Clarence Loveberry A. B. Morse et al Jno. C. Lorenzen	Expanses	20.0
	A. B. Morse et al	Salaries	20. 9: 187. 00 35. 10
17	Jno. C. Lorenzen	Salaries Use horse, etc.	35.1
	Albert E. Behnke	do	35.0
	Albert E. Behnke. O. E. Dyson. E. T. Davison. Don C. Ayer. Jas. W. Davis. H. W. Hawley. Chas. Hubingerdo. Hooper, Lewis & Codo. Chas. Keane. S. W. Burt. Robt. Darling.	Use saddle horse	25. 0 38. 4 15. 0
	E. T. Davison	Use horse.	38.4
	Inc. W. Davie	Use horse, etc.	18.0
	H. W. Hawley	do	32.0
	Chas. Hubinger	Dynamite, etc.	33.3 7.5 3.3
	do	Gasoline	7.5
	Hooper, Lewis & Co	Ink, etc.	3.30
	Char Veens	Glue, etc Use horse, etc	9. 0 25. 0
	S W Rurt	Use horse.	25.0
	Roht, Darling	Use horse, etc	25.0
	Robt. Darling. Trustees of the Milk St. Trust. Saml. E. Bennett. Jno. A. Sloan	Office rent	75.0
	Saml. E. Bennett	Expenses	4.6
	Jno. A. Sloan	Traveling expenses	33.4
	Chas. A. Brown	do	15.4
	T. J. Allen	. do	28.4 39.5
	Chas. A. Brown C. A. McCall L. J. Allen E. J. Foreman Albert Dean Dan McCunningham Jno. A. Sloan Frank W. Brewer Leomer West	ldo	45.1
	Albert Dean	do	6.4 39.6
	Dan McCunningham	do	39.6
	Jno. A. Sloan	dodo	30.5
	Laomer West.	do	64.1 29.5
	L. K. Greene W. R. Dennis. Wm. H. Saylor.	do	10.3
	W. R. Dennis	do	111.5
18	Wm. H. Saylor	Services	$111.5 \\ 64.0$
	F. L. Russell	do	16.0
	Pennsylvania R. R. Co	Passenger transportation	20.0
	W.H. Saylor F. L. Russell Pennsylvania R. R. Co Jean I. Nelson. Wm. D. Jorden	Traveling expenses	19.6 84.0
	E T Davison	do	49 0
19	Pennsylvania K. K. Co. Jean I. Nelson. Wm. D. Jorden E. T. Davison. Southern Rwv. Co. Jas. B. Lambie D. N. Walford. National Montar Co.	Passenger transportation	49.0 10.0
21	Jas. B. Lambie	Steel	1.6
	D. N. Walford	Shells.	1.6
	National Mortar Co Woodward & Lothrop		5.00
	M G Copeland Co	Flore	7.5
	M. G. Copeland Co. E. Morrison Paper Co.	Tags	6.8 2.2
	D. E. Salmon	Soap. Flags Tags. Traveling expenses	72. 2
22	Tovie A. Geddes	Services	210.6
	M. E. Knowles	do	20.0 8.3
	E. C. Schroeder	Expenses	8, 3
	Chas M Day	do	13.0 4.3
	H. J. Hammond	do	81.5
	W. F. Crewe	Traveling expenses	14.4
	W. W. Worcester	do	28. 50 27. 00 77. 00 5. 7.
	W. R. Fleming	do	27.0
	Wm. Proudfoot	do	77.0
	Ino McRirnov	do	103.5
	David C. Hanawalt	do	81.4
	Jno. J. Hayes	do	54.7 4.2
	A. H. Wallace	do	4.2
	Robt. H. Treacy	do	47.0
	Chas W Daming	do	18.3 21.5 6.2
	N. L. Townsend	do	6.2
	W. L. Johnson	do	24.4
	David R. Hodges	do	144.7
	M. G. Copeland Co. E. Morrison Paper Co. D. E. Salmon. Tovie A. Geddes M. E. Knowles E. C. Schroeder W. B. Niles. Chas. M. Day H. J. Hammond. W. F. Crewe. W. W. Worcester W. R. Fleming Wm. Proudfoot M. T. Hascall Jno. McBirney David C. Hanawalt Jno. J. Hayes A. H. Wallace Robt. H. Treacy Wm. J. Muldoun Chas. W. Deming N. L. Townsend W. L. Johnson David R. Hodges M. S. Lantz A. D. Melvin A. J. Pistor N. B. Smith Frank Baker F. O. Pettey Louis A. Klein Tooie A. Geddes H. J. Hammond. Cinton H. Bugbee	do	64. 5 66. 3
	A. D. Melvin	do	66.3
	A. J. PISTOR	do	16.2
	Frank Baker	do	30. 2 66. 7
	F. O. Pettey	do	30. 2 66. 7 31. 2
	Louis A. Klein	do	44.3
	Tooie A. Geddes	do	91.79
	H. J. Hammond	do	70. 2 112. 7
	Cunton H. Bugbee	do	112. 7

Date.	Name.	Nature of payment.	Total.
1903	W. F. Pflaeging. M. A. Farley, jr Jay Merrill. Isaae W. O'Rourke. Horaee H. Collins. Lowell Clarke. Jno Forbes W. S. Cass. R. A. Ramsay. A. R. Wake Frank C. Eells. Wilber H. Hurst. Roy N. Drake E. J. Drake. E. J. Drake Thos. Redmond Clayton E. Moss Walter E. Howe P. E. Quinn W. S. Alexander A. H. Post. H. B. Keese Biddell & Bogart Painters' Supply Co- The D. Henry Building Co Milton P. Haywood Emil Greiner T. J. Edwards. Library Bureau. Queen & Co. (incorporated)		
Sept. 22	W. F. Pflaeging	Traveling expenses	\$63.7 107.7
	M. A. Fariey, Jr	dodo	92.4
	Isaac W. O'Rourke	do	96. 2
	Horace H. Collins	do	71.8
	Lowell Clarke	do	96. 2 71. 8 56. 0
	Jno Forbes	do	49.8
	W. S. Cass	do	14.5 89.2
	R. A. Ramsay	do	89.2
	A. R. Wake	do	47.5
	Wilhon II Hangt	do	55. 3
	Roy N Draka	do	11 9
	E J Drake	do	23. 2 11. 2 12. 7
	Thos. Redmond	do	69.8
	Clayton E. Moss	do	150.2
	Walter E. Howe	do	150.2 29.5
24	P. E. Quinn	Services	29.3
	W. S. Alexander	do	45.0
	A. H. Post	Sand, etc	31.0
	Piddell & Pagent Paintage Cumply Co	Oil oto	5. 1 24. 1
	The D. Henry Ruilding Co	Compo board	17.7
	Milton P. Haywood	Sash	13.5
	Emil Greiner	Rubber stoppers	13.5 6.2
	T. J. Edwards	Services	9.1
	Library Bureau Queen & Co. (incorporated) Mallinekrodt Chemical Works Bausch & Lamb Optical Co	Cards	7. 2 7. 2 3. 2 7. 0
	Queen & Co. (incorporated)	Tubes. Iodide, etc. Needles, etc.	7.2
	Mallinckrodt Chemical Works	lodide, etc	3.2
	Bausch & Lamb Optical Co	Needles, etc	
	F. J. Lamb Bert Loomer	Corn	27. 4 15. 0
	Kny. Schoorer	Mare	9. (
	Chicago Car Seal and Manufacturing Co	Tags	91.0
	W. S. Cass	Use horse and buggy	34.0
	S. W. McClure	Traveling expenses	112.7
	Allen A. Holcombe	do	112.7 105.0 26.2
	Henry R. McNally	do	26. 2
	Horace H. Collins	do	66.5
	Ernest N. Hutchinson	do	78.2 7.2 94.2
	W H Mandara	dodo	04.4
28	H M Rowe	do	90.3
20	Isaiah Richards	do	93.
	Jno. C. Massie	do	96.
	Jacob Leismann	do	1.4
	J. B. Claney	Expenses	3.0
	do.	do	8.0
	Geo. S. Hickox	Don't	8.0 7.0 50.0
	(no Ralmior	Mara	35.0
	Edison Electric Illuminating Co. of Roston	Electric current	1.3
	W. J. Kennedy	Services	100.0
30	Marion Dorset et al.	Salaries	1.3 100.0 5,670.4
	F. J. Lamb Bert Loomer Kny-Scheerer Chicago Car Seal and Manufacturing Co. W. S. Cass S. W. McClure Allen A. Holcombe Henry R. McNally Horace H. Collins Ernest N. Hutchinson F. L. Russell W. H. Meadors H. M. Rowe Isaiah Richards Jno. C. Massie Jacob Leismann J. B. Clancy do Geo. S. Hickox St. Louis National Stock Yards Jno. Balmier Edison Electric Illuminating Co. of Boston W. J. Kennedy Marion Dorset et al		
	Total, first quarter		200,210.
	G B B h	// // // // // // // // // // // // //	2.0
Oct 3	S. R. Burch D. E. Salmon	Traveling expenses	3.9
	Tro C Puckley	do	19 9
	Marion Dorsat	Expenses	31. 1 12. 2 17. 1
5	Ed. H. Webster	Services	163.
	M. W. Lang	do	146.8
	W. D. Collyer.	do	146. 8
	Levi Wells	do	146. 8 146. 8 146. 8 122. 2
	Geo. M. Whitaker.	do	122.2
	JHO. E. Markley	00	60. 6 146. 8 114. 2
6	F M Parry	do	114
0	D. E. Salmon Jno. S. Buckley Marion Dorset Ed. H. Webster M. W. Lang W. D. Collyer Levi Wells Geo. M. Whitaker Jno. E. Markley B. F. Van Valkenburgh F. M. Perry W. E. Smith Jas. Irwin	do	90.0
	Jas. Irwin	do	90.0 81.6
	F. W. Bicknell	do	250.0 100.0
	W. J. Kennedy	do	100.0
	G H. Parks	do	130. 4
	Jos. M. Turner	do	73.4
	W. E. Smith Jas. Irwin F. W. Bicknell W. J. Kennedy G. H. Parks Jos. M. Turner Wm. M. MacKeller Jos. M. Good D. Cumming Wm. H. Wade	do	73. 4 114. 2 114. 2
	Jos. M. Good	ao	85.0

### Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

#### BUREAU OF ANIMAL INDUSTRY, EXPENSES-Continued. Date. Name. Nature of payment. Total. 1903. \$114.20 Oct. 114.20 97.80 114, 20 97.80 97.80 97.80 122.20 181.00 309.80 327.80 269.00 195.60 185.00 285.40 463, 40 673.60 254.40 181.00 1, 204, 35 636.00 182.60 133.80 122, 20 114. 20 114. 20 114. 20 114. 20 114.20 114, 20 114, 20 114, 20 97.80 97.80 97.80 97.80 97.80 97.80 97.80 97.80 97.80 87.50 81.60 3, 250.00 13.25 81.60 81.60 122.20 14.68 58.80 3.00 114.20 97.80 97.80 81.60 114.20 114, 20 81.60 81.60 81.60

Date.	Name.	Nature of payment.	Total
1903.			
ct. 9	N. L. Townsend	Services	\$114
	Ray N. Drake	do	114
	Wm. R. Fleming	do	114 114 114
	A. J. Pistor	do	114
	Thos White	do	114 114 114 114
	Frank C. Eells	do	114
	I. W. O'Rourke	do	114
	M. S. Lantz	do	114
	Walter E. Howe	do	114 114 97
	Ches W Doming	do	07
	W. F. Jones	do .	97
	W. J. Muldoun	do	97 97 97
	Jas. E. Ellis	do	97
	R. G. Merrill	do	73 122 81
	Dovid P. Hodges	do	122
	Ino C Massie	do	81
	A. J. Smith	do	81
	Clayton E. Moss	do	81
	Jno. McBirney.	do	130
	W. B. Niles et al	Salaries	488
	Wesley N. Niel et al	do	679
	Jas. J Brougham et al.	do.	1,092 672 1,577 1,150 830 7,856
	N. L. Townsend Ray N. Drake Wm. R. Fleming A. J. Pistor Jno. J. Hayes Thos. White Frank C. Eells I. W. O'Rourke M. S. Lantz Walter E. Howe Alex E. Wight Chas. W. Deming W. F. Jones W. J. Muldoun Jas. E. Ellis R. G. Merrill Jno. A. Kiernan David R. Hodges Jno. C. Massie A. J. Smith Clayton E. Moss Jno. McBirney W. B. Niles et al Louis R. Baker et al Wesley N. Niel et al Jas. J. Brougham et al W. H. Rose et al H. H. George et al A. G. G. Richardson et al E. P. Schaffter et al Chas. A. Schaufler et al Jas. Johnson et al B. P. Wende et al Jas. Johnson et al Harry N. Waller et al Geo. W. Pope et al Geo. E. Howard Jas. B. Lambie	do	1, 150
	H. H. George et al.	do	830
	A. G. G. Richardson et al.	do	7,850
	Chas A Schauffer et al.	do	1 023
	Boyd Baldwin et al.	do	1,023 624
	Jas. Johnson et al.	do	1,922 1,866
	B. P. Wende et al.	do	1,866
	A. B. Morse et al.	do	181 2,888 1,067
	Goo W Pope et al	do	1 063
10	Geo. E. Howard	Labels	509
10	Jas. B. Lambie.	Box pulls Cheese cloth Files	6
	Woodward & Lothrop	Cheese cloth	2
	W. H. Rupp & Co	Files	2
	Harvard Laurdry Co	Glass Towel service	5
	Geo. D. Markham	Hogs	212
	do	Hogs Cattle	212 40
	Geo. E. Howard Jas. B. Lambie Woodward & Lothrop. W. H. Rupp & Co Francis Miller Harvard Laundry Co Geo. D. Markhamdo Rudolph, West & Co Washington Gaslight Codo do Otomas Electric Codo	Locks, etc.	27
	Washington Gaslight Co	Gasdo	31
	Potomos Floatris Co	Current	47
	do.	do	56
12	Thos. R. Riley	do	18 37
	National Electrical Supply Co	Motor	37
	Potomac Electric Codo.  Thos. R. Riley National Electrical Supply Co Barber & Ross E. G. Schafer & Co Edw. S. Schmid Lutz & Co Chas. R. Edmonston A. W. Wilson & Bro	Vise, etc	12
	E. G. Schaler & CO	Nipples, etc White mice Repairing harness	8
	Lutz & Co	Repairing harness.	
	Chas. R. Edmonston. A. W. Wilson & Bro. F. W. Balgiano & Co. R. P. Andrews & Co. (incorporated) David Pifferling. The M. Lindsay Rubber Co. Wm. Lochte. L. G. Orndorff. O. E. Dyson et al. V. S. Brown et al. Jas. Fleming et al. Harry D. Paxson et al. M. O. Anderson et al. Chas. H. Zink et al. Richd. J. Blanche et al. Walter J. Stewart et al. Niels C. Sorensen et al. Geo. S. Hickox et al. N. H. Shea. Thos. Somerville & Sons E. H. Webster. Church & Stephenson Chas. A. Schaufler	Sauce pot, etc	529 529
	A. W. Wilson & Bro	Coal	529
	F. W. Balgiano & Co	Seed	9
	R. P. Andrews & Co. (incorporated)	Horse	48
	The M. Lindsey Rubber Co	Sheeting	j
	Wm. Lochte.	Shoeing horses	12
	L. G. Orndorff	Harrow, etc.	
	O. E. Dyson et al.	Salaries	9,422
	V. S. Brown et al.	do	2, 540
	Harry D. Payson et al	do	1. 179
	M. O. Anderson et al	do	181
	Chas. H. Zink et al	do	435
	Richd. J. Blanche et al	do	9, 422 2, 540 998 1, 179 181 435 122 4, 759
	Walter J. Stewart et al.	do	
	Niels C. Sorensen et al	do	2,091 888
14	N H Shea	Soanine	1
1.4	Thos. Somerville & Sons	Repairing pump	1 5
	E. H. Webster	Transportation	2
	Character & Character and	Lumber	65

ate.	Name.	Nature of payment.	Total
903.	Wm. H. Saylor W. P. Ellenberger E. C. Schroeder H. H. George Fred J. Goebel Hiram Jerome H. A. Hedrick Geo. C. Faville Jno. R. Mohler W. H. Rose Ephraim Dettrich Louis Abel. Harry N. Waller B. P. Wende Wm. C. Wootton Geo. M. Whittaker Ed. H. Webster Joseph M. Good Wm. P. Ellenberger Chas. Cowie Geo. M. Rommel R. W. Hickman W. N. D. Bird W. B. Lincoln B. P. Wende  J. W. Hickman W. N. D. Bird W. B. Lincoln J. P. Wende J. W. Hickman J. C. Wilnese et al Lon C. Ayer et al Geo. S. Baker et al J. C. Milnes et al Levi P. Beechy et al Jas. S. Kelly et al Joshua Miller et al O. B. Hess et al Robt. Darling et al W. H. Globs et al Clarence Loveberry et al J. S. Clancy, et al Loennie H. Udall Katie A. Murphy Jas. C. Exline Dean G. Cooper W. E. Kill Caroline Burnaby W. E. Lill Caroline Burnaby W. E. Kell L. Caroline Burnaby		
et. 16	Wm. H. Saylor	Services	\$56.
	W. P. Ellelloerger	Expenses	3. 7.
	H H Goorgo	do	18
	Fred J. Goebel	do	18, 5, 9, 12,
	Hiram Jerome	do	9.
	H. A. Hedrick	do	12.
	Geo. C. Faville	do	21.
	Jno. R. Mohler	do	3. 19.
	W. H. Rose	do	19.
	Ephraim Deitrich	do	4.
	Louis Abel	do	12. 135. 13. 109.
	Harry N. Waller	do	125
	Wm C Wootton	Traveling avnances	100.
	Gao M Whitteker	do do	100
	Ed H Webster	do	68
	Joseph M. Good	do	68. 94.
	Wm. P. Ellenberger	do	12
	Chas, Cowie	do	17.
	Geo. M. Rommel	do	18.
	R. W. Hickman	do	17. 18. 4. 15.
	W. N. D. Bird	do	15.
	W. B. Lincoln	do	13
	B. P. Wende	do	5.
7.0	do	Expenses	1
19	F. W. Alnsworth et al.	Saiaries	328
	w m. Thompson et al.		768
	Chan Keernum et al	do	768 1,113 530
	Don C Aver et al	do	3 786
	Geo S Raker et al	do	3,786 406
	F. L. DeWolf et al	do	254
	E. T. Davison et al	do	254 860
	J. C. Milnes et al	do	203
	Levi P. Beechy et al	do	536
	J. C. Blackwell et al.	do	3,069
	Jas. S. Kelly et al	do	536 3, 069 195
	Joshua Miller et al	do	254
	O. B. Hess et al	do	404 195 156
	Robt. Darling et al	do	195
	W. H. Gibbs et al.	do	156
	Clarence Loveberry et al	do	502
	J. B. Clancy.et al.	do	4,024
	Votio A Murphy	Services	4,024 13 16 43
	Ice C Evline	do	10
	Dean G Cooper	do	114
	W. E. Hill	do	97
	Jas. C. EXIne Dean G. Cooper W. E. Hill Caroline Burnaby W. H. Wray G. W. Ward Tooie A. Geddes Bessie M. Healy Jas. Hewes L. F. Rydor	do	114 97 40
	W. H. Wray	do	375
	G. W. Ward	do	114
	Tooie A. Geddes	do	114 203 49
	Bessie M. Healy	do	49
	Jas. Hewes	do	90
	Jas. Hewes J. F. Ryder Jno. A. Bell Jas. W. Davis Louis P. Cook Jennie M. Shufeldt E. L. Sturdevant Geo. S. Hickox L. K. Green Clarence Loveberry	00	163
	Jac W Davis	do	56 73
	Louis P Cook	do	73 30
	Jennie M. Shufeldt	do	14
	E. I. Sturdevent	do	33
	Geo. S. Hickox	Expenses	14 33 8 10
	L. K. Green	do	10
	Clarence Loveberry	do	23
	0. B. Hess	do	23 10 3
	E. T. Davison	do	3
	Clarence Loveberry	do	11
	W. H. Wray	do	54
	W. B. Niles	do	59
	Jas. Hewes	. Traveling expenses	54 59 18 33
	Albert N. Irwin	00	33
	W. D. Collyer	do	76
	W T Hight		61
	Chas Pagreon	do	61 3 13
	Chas W Pagle in	do	2
	Geo A Rond	do	70
	Warren I Fretz	do	85 6
	L. K. Green Clarence Loveberry O. B. Hess E. T. Davison Clarence Loveberry W. H. Wray W. B. Niles Jas. Hewes Albert N. Irwin W. D. Collyer Alex. A. Wight W. L. Hiatt Chas. Pearson Chas. W. Pagle, jr Geo. A. Bond Warren J. Fretz Benj. Howes	do	

Date.	Name.	Nature of payment.	Total
1903.	M. A. Farley, jr J. F. Ryder M. A. Lantz O. B. Hess W. H. Wray Roy N. Drake Russell G. Merrill F. L. Russell F. L. Russell F. M. Perry Geo. Jerome Clarence J. Clawson Laomer West Arch. H. Wallace Theo. S. Rich Wm. M. Mackellar Dan McCunningham W. C. Hanan Wm. F. Pilaeging W. B. Niles Ernest N. Hutchinson Harry M. Ball Geo. S. Baker Jno. MeBirmey Henry R. McNally David R. Hodges Western L. Johnson Jno. F. Roe Wm. F. Jones A. J. Pistor Lowell Clarke Wm. D. Jorden Jno. A. Stauffer Peter I. Kershner E. T. Davison M. E. Knowles Clarence A. Brown Jno. A. Sloan M. M. Welch Geo. S. Hiekox Eimer & Amend Jno. A. Sloan M. M. Welch Geo. S. Hiekox Eimer & Amend Saml. E. Bennett		
et. 19	M. A. Farley, jr.	Traveling expenses	\$85.
	J. F. Ryder	do	\$85. 30.
	M. A. Lantz	do	30. 56. 9. 38. 54. 2. 24. 5
	O. B. Hess	do	9
	W. H. Wray	do	38
	Pussell C Morrill	0D	04
	F. L. Russell	do	24
	F. M. Perry	do	5
	Geo. Jerome	do	14 45 35
	Clarence J. Clawson	do	45
	Laomer West	do	35
	Arcn. H. Wallace	00	5
	Wm M Mockeller	dodo	20 36
	Dan McCunningham	do	50
	W. C. Hanan	do	59 16
	Wm. F. Pflaeging	do	62
	W. B. Niles	do	7
	Ernest N. Hutchinson	do	84
	Harry M. Ball.	do	62 7 84 6 7 95 35
	Geo. S. Baker	do	
	Jno. McBirney	00	95
	David R Hodges	do	106
	Western L. Johnson	do	20
	Jno. F. Roe	do	-1
	Wm. F. Jones.	do	10
	A. J. Pistor.	do	20
	Lowell Clarke	do	20 20 10 20 44
	Wm. D. Jorden	do	88
	Jno. A. Stauffer	do	11
	F T Davison	do	5
	M E Knowles	do	11 52 58
	Clarence Loveberry	do	28
	Thos. A. Bray	do	- 7
	Clarence A. Brown	do	30
	Jno. A. Sloan	do	(
	M. M. Welch	do	2
21	Geo. S. Hickox	Desiding ato	54 18 48 56 128 90
21	Soml F Ponnott	Tree horse and huggy	41
	F L Russell	Sarvices	56
	Chas, Cowie	do	128
	E. A. McDonald	do	96
	Edw. P. Dowd	do	
	A. E. Behnke	Expenses	18
	Louis R. Baker	do	35
	Sami. E. Bennett	do	
	Tuling Hudgen	do	
	Chas. M. Day	do	139
	Nathl. K. Fegley	d0	10
	do	do	13 1
	Clarence A. Brown Jno. A. Sloan M. M. Welch Geo. S. Hickox. Eimer & Amend. Saml. E. Bennett F. L. Russell Chas. Cowie E. A. McDonald Edw. P. Dowd A. E. Behnke. Louis R. Baker Saml. E. Bennett Geo. W. Pope Julius Huelsen Chas. M. Day Nathl. K. Fegley do do N. C. Sorensen. Fredk. Braginton Boyd Baldwin Dean. G. Cooper T. A. Shipley Joshua Miller Jas. J. Brougham O. E. Dyson Chas. A. Schauffer Jas. E. Ellis W. R. Fleming H. A. Hedrick W. J. Cass Stephen G. Gillett. Geo. W. Pope Geo. C. Moser Willis G. Benner Geo. H. Woolfolk Saml. Sommerville, jr Geo. A. Henvey Jno. A. Kiernan Ernest J. Foreman E. A. McDonald	do	1
	N. C. Sorensen	do	1:
	Fredk. Braginton	do	
	Boyd Baldwin	do	
	Dean.G. Cooper	00	
	Toshua Millar	do	
	Jas J Brougham	do	2
	O. E. Dyson	do	2:
	Chas. A. Schaufler.	do	30
	Jas. E. Ellis	Traveling expenses	4.
	W. R. Fleming.	do	2
	H. A. Hedrick	00	
	Stophen G Gillett	do	2
	Geo W Pone	do	2
	Geo. C. Moser	do	1
	Willis G. Benner	do	1
	Geo. H. Woolfolk	do	
	Saml. Sommerville, jr	do	4
	Geo. A. Henvey	do	
	Jno. A. Kiernan	do	7
	Ernost I Koroman	do	4 3

Date.	Name.	Nature of payment.	Total.
1903.			
Oct. 21	Chas. M. Day R. A. Ramsay A. J. Smith Albert R. Koen	Traveling expenses	\$34.00
	A I Smith	do	100.50 124.75
	Albert R. Koen Walter E. Howe Joseph W. Parker B. F. Van Valkenburgh N. B. Smith Albert N. Irwindo Albert L. Pitney Albert Dean W. A. Bitner Jno. J. Hayes David C. Hanawalt Herman R. Ryder Jno. C. Massie Louis A. Klein E. L. Volgenan A. D. Melvin Wilbur H. Hurst W. R. Dennis G. W. Ward Levi Wells Jno. Forbes	do	5 70
	Walter E. Howe	do	5.70 20.00 4.20 10.52
	Joseph W. Parker	do	4.20
	B. F. Van Valkenburgh	do	10.52
	N. B. Smith	do	46. 25 75. 50
	do	do	34.30
	Albert L. Pitney	do	34.30 7.20 20.25
	Albert Dean	do	20.2
	W. A. Bitner	do	16. 28
	David C Hanawalt	do	16. 25 52. 75 84. 20
22	Herman R. Ryder	do	14.6
	Jno. C. Massie	do	86.50
	Louis A. Klein	do	31. 50 8. 78 72. 60
	E. L. Volgenan	do	8.76
	Wilhur H Huret	do	24.50
	W. R. Dennis	do	101.00 23.70 45.34
	G. W. Ward	do	23.70
	Levi Wells	do	45.34
	Jno. Forbes	do	63. 9
	Jno. Forbes W. H. Meadors A. A. Holcombe M. W. Lang F. O. Pettey Frank C. Eells W. H. Yingst Jno. L. Burgett W. F. Crewe W. S. Cass. The Kansas City Stock Yards Co	do	90. 48 49. 62
	M. W. Lang	do	118. 5
	F. O. Pettey.	do	74 71
	Frank C. Eells	do	59. 50 12. 05 8. 75 26. 00
	W. H. Yingst	do	12.0
	W F Crawa	do	26.0
	W. S. Cass	Use horse and buggy	34. 00
	The Kansas City Stock Yards Co	Rent	34. 00 45. 00 2. 64
	The Dispatch Printing Co	Rent. Advertising Seals, etc.	2.64
	E. J. Brooks & Co.	Seals, etc	126.38
	W. S. Cass. The Kansas City Stock Yards Co. The Dispatch Printing Co. E. J. Brooks & Co. Omaha Printing Co. H. T. Braddock. Dunn & Lemmon	Bath	7. 50 35. 00
	Dunn & Lemmon	Mare Advertising	1.80
	Dunn & Lemmon Maryland Telephone and Telegraph Co	Commiss	1. 80 12. 00
	oregon Statesman. The Real Estate Improvement Co. The Chesapeake and Potomac Telephone Co. Silver Laundry and Towel Co. J. E. Blackwell. Chas. Hubinger.	Advertising	2.30 56.25 12.00
	The Real Estate Improvement Co	Rent	56. 2
	Silver Laundry and Towol Co.	Service	8.0
	J. E. Blackwell	Horse hire	54.00
	Chas. Hubinger	Dynamite caps	8. 00 7. 9
	Thos. A. Bray	Gasoline Use saddle horse	7.9
	Thos. A. Bray	Use saddle horse	75.00
	Robt. Darling.	Use horse and buggy	25. 0 25. 0
	New York and New Jersey Telephone Co.	Service	14. 50
	Chas. Keane New York and New Jersey Telephone Co Nebraska Telephone Co Frontier Towel Supply	do Service do	14. 50 13. 50
	Frontier Towel Supply.	do	10.0
	Frontier Towel Supply N. Rufus Gill The Capital Journal Co Wehawken Stock Yard Co Glynn & Smith Geo. W. Butler Iowa Telephone Co. Belt R. R. and Stock Yard Co Fowler Manufacturing Co. E. T. Dayison	Rent	31. 2 2. 3 9. 7 10. 7
	Wehawken Stock Yard Co	Advertising Telephone service Services Use horse and buggy	9 7
	Glynn & Smith	Services	10. 7
	Geo. W. Butler	Use horse and buggy	30. 0
	Iowa Telephone Co	Service	12. 00 30. 00
	Belt R. R. and Stock Yard Co	Rent	30.0
	E T Davison	Use horse and huggy	4. 7 27. 2
	Armstrong Laundry	Service.	2. 9 18. 0
	Jas. W. Davis	Use horse and buggy	18.0
	Fowler Manufacturing Co.  E. T. Davison.  Armstrong Laundry.  Jas. W. Davis.  Sloux City Stock Yards Co.  Edison Electric Illuminating Co.  East Buffalo Live Stock Exchange Co.  Bourbon Stock Yard Co.  Jos. Hiatt.  Fred Ashley	Service. Rent. Towel service. Use horse and buggy. Service. Use horse and buggy Rent. Electric lighting Rentdo Pirs	60.0
	East Ruffelo Live Stock Evehance Co	Rent	1.0
	Bourbon Stock Yard Co	do	1. 04 90. 00 30. 00
	Jos. Hiatt.	Pigs	54. 2
	Fred Ashley. The Morning Olympian. Grand Trunk Railway System. Jas. J. Brougham. Combe Printing Co.	do	30.0
	The Morning Olympian	Advertising	1. 10 37. 5 40. 0
	Jac J Broughern	Hent	37.5
	Combe Printing Co.	Renairing press	40.0
	C. Deaderick	Ink.	4.40
	C. Deaderick	Rent	4.4 30.0
	Jas. Stikeman	do	125. 0 12, 5
	Jas. Stikeman Missouri and Kansas Telephone Co	PigsdodvertisingRentUse horse and buggyRepairing pressInkdodoServicedoServicedo	

Date.	Name.	Nature of payment.	Total
1903.			
et. 22	Oklahoma State Capital	Advertising	\$1 75
	Louis A. Klein	Saddle horse	75
	R. W. Burrell	Pipes, etc	46
	South St. Joe Coal Co	Ice.	6
	Louis A. Klein R. W. Burrell South St. Joe Coal Co Underwood Typewriter Co St. Joseph Stock Yards Co. Wm. D. Jorden New Telephone Co. New England Telephone and Telegraph Co. do. Emma Curran, administratrix J. C. Endicott	Advertising. Saddle horse. Pipes, etc. Ice. Repairing typewriter Rent. Use saddle horse Service. do	4
	Wm D Jordon	Has as ddle howes	135
	New Telephone Co	Ose saddle norse	75
	New England Telephone and Telegraph Co	do	20 40
	do	do	12
	Emma Curran, administratrix	Rent	21
	J. C. Endicott	Rent. Water.	- 3
	Kansas City Stock Yards Co	Rent	66
	The J. A. Van Winkle Co	Screws, etc	
	Emma Curran, administratrix J. C. Endicott Kansas City Stock Yards Co. The J. A. Van Winkle Co. Mendenhall Transfer Co. Sunset Telegraph and Telephone Co. Cutler & Neilson Paint and Color Co. J. R. Stafford.	Screws, etc Transportation Service	10
	Sunset Telegraph and Telephone Co	Service	10
	Cutler & Nellson Paint and Color Co	Paint	
	J. R. Stafford  Missouri and Kansas Telephone Co.	Paint Use horse and buggy Service Stoppers, etc	10
	Missouri and Kansas Telephone Co	Service	24
	Emil Greiner	Cards	10
	The D. Henry Ruilding Co.	Lahor and material	7 56
	Queen & Co. (Incorporated)	Drugs	7,56
	do	Dishes, etc	1
23	Edgar Firethunder.	Mare	4
	United States Envelope Co	Envelopes	5
	Emil Greiner . Library Bureau The D. Henry Building Co. Queen & Co. (Incorporated)do Edgar Firethunder United States Envelope Co. Francis Miller American Ice Co. A. Wilson & Bros. L. S. Depue The Cincinnati Union Stock Yards Co. Emma J. Adams et al Jno. Post. W. A. Bitner Albert Dean	Cards. Labor and material Drugs. Dishes, etc. Mare Envelopes. Glass.	_
	American Ice Co	Ice	2
	A. Wilson & Bros	Stone	6° 58
	The Cincinneti Union Steel Verde Co	Stone	98
	Emme I Adema et al	nent	4. 12
	Ino Post	Oats and bran	3
	W. A. Bitner	do Oats and bran Services	5
	Albert Dean	Expenses	1
	C. L. Morin	Traveling expenses	
	Louis Metsker	do	3 2
	Morris T. Hascall	do	2
	Horace H. Collins	do	4
	H. D. Mayne	do	-
	Duncon Stuart	dodo	5 1
24	St Louis National Stock Vards	Rent	5
21	T. F. Rodgers, agent	do	5
	F. Auerbach & Bro	do	3
	Gahn & Byrne	do	67 7 12
	Trustees of the Milk Street Trust	do	7
	Jno. S. Martin & Co.	do	12
	W. S. Goodhue	do	5
	Union Stock Yards and Transit Co	Ugo howas	37
	Poeky Mountain Ball Talaphone Co	Sarvica	2 2
	Jno. Post. W. A. Bitner. Albert Dean C. L. Morin Louis Metsker Morris T. Hascall. Horace H. Collins H. D. Mayne Henry E. Alvord Duncan Stuart St. Louis National Stock Yards T. F. Rodgers, agent F. Auerbach & Bro Gahn & Byrne Trustees of the Milk Street Trust Jno. S. Martin & Co W. S. Goodhue Union Stock Yards and Transit Co S. W. Burt Rocky Mountain Bell Telephone Co W. S. Matson R. G. Merrill The Continental Creamery Co	Syringes, etc.	1
	R. G. Merrill	Use horse and buggy	2
	The Continental Creamery Co.	Butter	2
	W. S. Matson R. G. Merrill The Continental Creamery Co. W. G. Hemming & Son Jno. C. Lorenzen American Linen Supply Co. Aug. C. Jens. Olive M. Routzong Albert E. Behnke. The Bell Telephone Co. of Philadelphia H. A. Hedrick A. P. Little	Syringes, etc. Use horse and buggy. Butter Painting.	2
	Jno. C. Lorenzen	Painting. Use horse and wagon Service. Use horse and buggy Service. Use horse and buggy Service. Use horse and buggy Service.	3
	American Linen Supply Co	Service	2
	Aug. C. Jens	Use horse and buggy	2
	Olive M. Routzong	Service	3
	The Pell Telephone Co. of Philedelphie	Sorvige	4
	H A Hedrick	Service Use horse and buggy Mimeograph	
	A. P. Little	Mimeograph	
	ulf Refining Co.	Oil	26
	W. I. Brooke	Oil. Repairs to hay cutter	3
	Quackenbush & Son	Forge, etc	3
	Leonard Pearson	Service	30
	The New York and New Jersey Telephone Co.	II.a h oraș	1
	Don C. Ayer.	Change	1
	A. B. Hargrave	Letterpress	1
	F D Kotohum	Hee horse and huggy	2
	Miller Lock Co	Locks	1
	H. A. Hedrick A. P. Little ulf Refining Co W. I. Brooke Quackenbush & Son Leonard Pearson The New York and New Jersey Telephone Co. Don C. Ayer A. B. Hargrave J. S. Stott F. D. Ketchum Miller Lock Co W. E. Pratt S. M. Birch Lumber Co T. A. Carlson Jack Red Cloud The Consumers Co	Repairs to hay cutter. Forge, etc. Service. do Use horse Cheese. Letterpress. Use horse and buggy Locks. Hog rings. Lumber Mare. do Ice	$\frac{1}{7}$
	S. M. Birch Lumber Co	Lumber	1
	T. A. Carlson	Mare	1
	7 7 7 1 01 1	do	1 3

Date.	Name.	Nature of payment.	Total
1903.			
et. 24	The Consumers Co. Chicago Towel Supply Co. Hiram W. Hawley. Stock Yard Hardware Paint Co. Chicago Telephone Co. O. E. Dyson. Jno. Underwood & Co. A. G. G. Richardson.	Water	\$1
	Hirom W Howley	Service Use horse and buggy	83
	Stock Yard Hardware Paint Co	Paper, etc.	11
	Chicago Telephone Co.	Service	43 28
	O. E. Dyson.	Use saddle horse Carbon paper	28
	Jno. Underwood & Co A. G. G. Richardson H. M. Rowe The Republican Publishing Co. Independent Publishing Co. Gommel Statesman Publishing Co. New Mexican Printing Co. Salt Lake Tribune Frank P. Mac Lellan Register and Leader Co. Levi J. Allen S. W. McClure F. W. Hopkins Thos. White	Carbon paper	
,	A. G. G. Richardson	Expenses	18
	The Penublican Publishing Co	Advortiging	9
	Independent Publishing Co	do	2
	Gommel Statesman Publishing Co	do	
	New Mexican Printing Co	do	2
	Salt Lake Tribune	do	2
	Frank P. Mac Lellan	do	
	Lovi I Allan	Travaling avnances	65
	S. W. McClure	do	68 67
	F. W. Hopkins.	do	50
	Thos. White	do	14
	Thos. White. Geo. E. Totten. Geo. D. Painter. Frank W. Brewer	do	20
	Geo. D. Painter	do	62
	Geo. P. McCabe.	00	04
	Clayton E Moss	do	148
26	Geo. P. McCabe. Clayton E. Moss. Thos. D. Anderson. H. M. Rowe. W. W. Worcester. Robt. H. Treacy. Clinton H. Bugbee. Wm. Proudfoot. D. F. Parker.	Services	148 37
27	H. M. Rowe	Traveling expenses	90
	W. W. Worcester	do	60
	Robt. H. Treacy	do	55 107
	Wm Proudfoot	do	64
	D F Porker	dodo	52
	D. F. Parker Harry S. Newlove Ed. C. Joss M. M. Welch Lor M. Cand	do	ê
	Ed. Č. Joss	do	1
	M. M. Welch	do	4
	Jos. M. Good Jno. Callahan	do	100
	Jno, Callahan	Services	100 37 58
28	The Chesaneska and Potomes Tolophone Co	Corried	103
20	Henry Heil Chemical Co	Pentone etc	700
	Mackall Bros	Vials.	167 52
	National Mortar Co	Cement	52
31	S. E. Bennett	Use horse and buggy	90
	Courtham Dailman Ca	do	5
	do	Passenger transportation	19
	Jos. M. Good Jno. Callahan Harry F. Hume. The Chesapeake and Potomac Telephone Co. Henry Heil Chemical Co. Mackall Bros National Mortar Co S. E. Bennett do Go Southern Railway Co do Southern Railway Co do Southern Railway Co do Southern Railway Co Chicago and Alton Railway Co Northern Pacific Railway Co Chicago and Alton Railway Co Chicago and Northwestern Railway Co Chicago, Milwaukee and St. Paul Railway Co Baltimore and Ohio Railroad Co Southern Railway Co Union Pacific Railroad Co Go Pennsylvania Railroad Co Grand Trunk Railway Chicago, Milwaukee and St. Paul Railway Co Michigan Central Railroad Co Nashville, Chattanooga and St. Louis Railway Co Marion Dorsett et al.	do	80
	Louisville and Nashville Railroad Co	do	15
	Chicago and Alton Railway Co	do	7 13
	Northern Pacific Railway Co	do	13
	Chicago and Northwestern Railway Co	do	40
	Raltimore and Ohio Railroad Co	do	17 29
	Southern Railway Co	do	29
	Union Pacific Railroad Co	do	18
	do	do	16
	Pennsylvania Railroad Co	do	6
	Chicago Milwaykoo and St Paul Pailway Co	00	1/
	Michigan Central Railroad Co	do	14 5 7
	Nashville, Chattanooga and St. Louis Rail-	do .	7
	way Co.		
	Marion Dorsett et al	Salaries	5,788
ov. 2	Mary Lynch	Services	5,788 25 3 . 76
3	W P Donnie	Service.	76
0	H. J. Hammond	do	52
	Mary Lynch. The Bay State Clean Towel Co. W. R. Dennis H. J. Hammond. W. H. Saylor. Henry E. Alvord. Fredk. W. Ainsworth.	do	52 37 8 31
	Henry E. Alvord	Expenses	8
	Fredk. W. Ainsworth	do	31
4	Coo I Martin	do	10
4	Lutz & Co	Pigs.	160 80
	A. A. Timson	Pige	154
	Levi Wells	Services	151
	Fredk W. Ainsworthdo	do	151
	B. F. Van Valkenburgh	do	151
	W D Collyon	do	151

ite.	Name.	Nature of payment.	Total
1903.	Ed. H. Webster. F. M. Perry Saml E. Bennett. Wm. C. Siegmund Henry Roome. Geo. M. Rommel Geo. F. Thompsondodowm. H. Meadors F. W. Hopkins Wm. L. Hiatt D. Cumming Jas. Hewes Leslie J. Allen Wm. M. MacKellar Louis A. Klein W. D. Jorden Jno. A. Stauffer Jno. L. Burgett Frank W. Brewer H. B. Adair Chas. Pearson A. N. Irwin Geo. W. Browning		
ov. 4	Ed. H. Webster	Services	\$168 11
	F. M. Perry	Traveling expenses	11
	Saml. E. Bennett	do	16
	Wm. C. Siegmund	do	2
	Henry Roome	do	2 2 59
	Geo. M. Rommel	do	59
5	Geo. F. Thompson	do	16
	do	do	55
	Wm. H. Meadors	Services	55 117 126
	F. W. Hopkins	do	126
	Wm. L. Hiatt	do	101
	D. Cumming	do	95
	Jas. Hewes	do	90 126
	Leslie J. Allen	do	126
	wm. M. Mackellar	do	117
	Louis A. Klein	do	117 101 101
	w. D. Jorden	do	101
	Jno. A. Stauffer	do	101
	Jno. L. Burgett	do	101
	Frank W. Brewer.		101 117 126
	H. B. Adalf.		126
	Chas. Pearson.	do	101
	Frank W. Brewer H. B. Adair Chas. Pearson A. N. Irwin Geo. W. Browning Jos. M. Good W. B. Lincoln Walter H. Yingst Jos. M. Turner F. M. Perry U. G. Houck Granville H. Parks J. Otis Jacobsdo Isaae W. O'Rourke E. H. Hutchinson W. C. Honan M. G. Copeland Co Haryard Laundry Co. Remington Typewriter Codo Underwood Typewriter Co Jas. K. Probey F. P. May & Co Dullin & Martin Co Chas. A. Schaufler et al Geo. C. Faville et al Geo. W. Pope et al Robert Darling et al M. O. Anderson et al L. K. Green et al W. H. Gibbs et al J. J. Brougham et al F. W. Ainsworth et al Harrison H. George et al Henry Roome et al A. E. Behnke et al B. P. Wende et al Fredk. Bragington et al J. J. Brougham et al F. W. Ainsworth et al Henry Roome et al A. E. Behnke et al B. P. Wende et al Ged. Day Bredy et al Ged. The George et al W. J. Murphy et al Jas. S. Kelly et al Geo. Dietwig et al W. J. Murphy et al Jas. S. Kelly et al Geo. Dietwig et al W. P. Ellenberger et al F. W. P. Ellenberger et al F. W. Huntington et al F. W. Herick et al B. P. Wendie et al F. W. Huntington et al F. W. Herick et al B. P. Wendie et al F. W. Huntington et al F. W. Huntington et al F. W. Huntington et al F. W. Herick et al B. P. Wendie et al F. W. Huntington et al F. W. Huntington et al F. W. Hardrek et al B. P. Wendie et al B. P. Wendie et al F. W. Huntington et al F. W. Huntington et al B. P. Wendie et al B. P. Huntington et al B. P. Wendie et al B. P. Wendie et al	do	117 117 117 117
	Geo. W. Browning	do	117
	JOS. M. GOOd.	do	117
	W. B. Lincoln		117
	Walter H. Yingst	do	101 75 117
	Jos. M. Turner	00	117
0	F. M. Perry	00	114
6	Constitution of the consti		151
7	Granville H. Parks		134
7	J. Utis Jacobs	Traveling expenses	134 99 100
	T W O'D	00	100
	Isaac W. O Rourke	00	80
	W. C. Honon	(10	80 40 17
	W. C. Hollall	Floor	17
	Howard Lounday Co	Towel corvice	2
	Pamington Typowriter Co	Typowritor	90
	do	Copy holder	4
	Underwood Typewriter Co	Rengiring tynewriter	7
	Ias K Probev	Wagon nole	ģ
	F. P. May & Co	Traps	i
	Dulin & Martin Co.	Boiler	9
	Chas. A. Schaufler et al.	Salaries	1, 161 294 985 202
	Geo. C. Faville et al	do	294
	Geo. W. Pope et al.	do	988
	Robert Darling et al.	do	202
	M. O. Anderson et al.	do	
	L. K. Green et al.	do	320 161 338
	W. H. Gibbs et al	do	161
	Trojan A. Shipley et al	do	338
	Joshua Miller et al	do	380
	Levy P. Beehcy et al	do	546
	C. H. Zink et al	do	380 546 449 1,628 393 781 747 1,290 1,931 187 202 202 2695 262
	J. J. Brougham et al	do	1,628
	F. W. Ainsworth et al	do	393
	Harrison H. George et al	do	781
	Henry Roome et al	do	747
	A. E. Behnke et al	do	1,290
	B. P. Wende et al	do	1,931
	Edw. P. Dowd et al	do	187
	Fredk. Bragington et al	do	187
	Jas. S. Kelly et al.	do	202
	W. J. Murphy et al.	do	202
	Julius Huelsen et al	do	695
	F. L. De Wolf et al	do	262
	Nathan K. Fegley et al	do	262 278 188 155
	Geo. Ditewig et al.	do	278
	W. P. Ellenberger et al.	do	188
	F. W. Huntington et al.	do	155
	R. J. Blanche et al.	do	187
	R. J. Blanche et al. Boyd Baldwin et al. H. A. Hedrick et al. W. B. Niles et al.	do	187 622 478
	H. A. Hedrick et al.	do	478
			533
		do	533 793
	W. B. Niles et al. Albert Dean et al. E. P. Schaffter et al. Wesley N. Neil et al. Geo. S. Hickox et al.	do	793 734 694 867

e.	Name.	Nature of payment.	T(
3.	Lewis R. Baker et al. W. H. Rose et al. Henry P. Armsby et al J. Otis Jacobs. W. F. Crewe. Geo. A. Bond. Frank Parker. Isaac W. O'Rourke. Thos. White. R. H. Treacy. H. L. Townsend. Geo. W. Ward. F. P. Herron. H. D. Mayne. Jas. E. Ellis. Frank C. Eells. Roy N. Drake. A. J. Pistor Russell G. Merrill. Wm. Phlaeging.		
7	Lewis R. Baker et al.	. Salaries	\$1, 1,
	W. H. Rose et al.	do	1,
	T Otic Jacobs	Sarvices	
	W F Crewe	do	
	Geo. A. Bond	do	
	Frank Parker	do	
	Isaac W. O'Rourke	do	
	Thos. White.	do	
	H I Townsend	do	
	Geo. W. Ward	do	
	F. P. Herron.	do	
	H. D. Mayne	do	
	Jas. E. Ellis	do	
	Frank U. Eells	00	
	A I Pistor	do	
	Russell G. Merrill.	do	
	Kussel G. Merrill Wm. Phlaeging F. O. Petty Jno. McBirney Thos. J. Lowry M. S. Lantz Wm. F. Jones Geo. E. Totten	do	
	F. O. Petty	do	
	Jno. McBirney	do	
	Thos. J. Lowry	do	
	Wm F Jones	do	
	Geo E. Totten	ob.	
	Theo. S. Rich Loamer West Jas. W. Parker Chas. A. McCall	do	
	Loamer West	do	
	Jas. W. Parker	.,do	
	Chas. A. McCall	do	
	P. I. Kershner E. J. Foreman Clarence A. Clawson	dodo	
	Clarence A Clawson	do	
	Dan McCiinningham	do	
	Geo. Jerome. Western L. Johnson. Jno. Forbes.	do	
	Western L. Johnson	do	
	Jno. Forbes	do	
	Jno. A. Sloan	0D	
	Inos. A. Bray	00	
	Thos. A. Bray Jas. W. Davis Clayton E. Moss	do	
	Dean G. Cooper	do	
	Jno. C. Massie	do	
	Dean G. Cooper. Jno. C. Massie Geo. W. Butler. Wm. Proudfoot.	do	
	Wm. Proudfoot	do	
	F W Dielmoll	0D	
	Wm H Wade	do	
	A. A. Holcombe F. W. Bicknell Wm. H. Wade C. L. Morin H. T. Potter Chas. Cowie Alex E. Wight W. W. Worcester A. J. Smith Jay Merrill Henry R. McNally S. W. McClure Morris T. Hascall Jno. A. Kiernan Jno. A. Bell W. J. Kennedy Jas. Irwin Isaiah Richards R. A. Ramsay W. H. Hurst Walter C. Howe David R. Hodges W. R. Fleming Jno J. Hayes July J.	do	
	H. T. Potter	do	
	Chas. Cowie	do	
	Alex. E. Wight	do	
	W. W. Worcester	do	
1	Jay Merrill	do	
	Henry R. McNally	do	
	S. W. McClure	do	
	Morris T. Hascall	do	
	Jno. A. Kiernan	do	
	Jno. A. Bell	do	
	W. J. Kennedy		
	Isajah Richards	do	
	R. A. Ramsay	do	
	W. H. Hurst	do	
	Walter C. Howe.	do	
	David R. Hodges	do	
	W. K. Fleming	do	
	Jno J. Hayes H. J. Hammond Chas. W. Deming Clinton H. Bugbee	do	
	Chas. W. Deming	do	
	Clinton H. Bugbee.	do	
	W. S. Cass	do	0
	W. S. Cass. H. H. Collins A.R. Burch R. W. Hickman J. E. Blackwell et al W. H. Saylor	do	
10	A.R. Burch	Traveling expenses	
	K. W. Hickman	do	
	J. E. BIRCKWELL et al.	Salaries	3,

ate.	Name.	Nature of payment.	Tota
903			
v. 13	Ed. H. Webster.	Traveling expenses	\$10
	Thos. R. Rilev	Lumber	1
	Ed. H. Webster Thos. R. Riley Old Dominion Paper Co.	Lumber	\$10 1
	J. Geo. Smith	Pencils	
	Barber & Ross	Tacks	2 19
14	Robt. Darling	Use horse and buggy	2
16	Chas. M. Day.	Expenses	19
	W. J. Maldana	Commission	1
	W. J. Muldoull	Services	10 16 11
	Nathanial B Smith	do	11
	Isajah Richards	Traveling expenses	10
	W. W. Worcester	do	7
	R. A. Ramsay.	do	7 8
	M. S. Lantz	do	6
	A. J. Pistor	do	1
	Clayton E. Moss	do	1 15 4
	F. L. Russell	do	4
	Inos. R. Riley Old Dominion Paper Co. J. Geo. Smith Barber & Ross Robt. Darling. Chas. M. Day. Geo. S. Hickox W. J. Muldoun J. F. Ryder Nathaniel B. Smith Isaiah Richards. W. W. Worcester R. A. Ramsay. M. S. Lantz A. J. Pistor Clayton E. Moss. F. L. Russell E. T. Davison. Walter E. Howe Jno. R. Mohler Jno. R. Mohler Jno. McBirney Geo. A. Bond	do	2
	Walter E. Howe.	do	6 36 11
	Jno. K. Mohler	do	36
	JHO. McBirney	do	11
	W. C. Cong	00	5
	W. S. Cass S. W. McCharo	do	9
17	E. A. de Schweinitz	Expenses	9
17	E. T. Davison. Walter E. Howe Jno. R. Mohler Jno. McBirney. Geo. A. Bond W. S. Cass. S. W. McClure. E. A. de Schweinitz Jno. R. Mohler Wm. E. Smith. Geo. T. Hanton. W. E. Hill C. E. Gray. Helen E. O'Brien. Caroline Burnaby. F. L. Russell W. H. Wray. Toole A. Geddes Jno. Callahan Harry F. Hume. Henry E. Pieper W. A. Savage. Wm. E. Smith. Wm. D. Collyer Thos. Redmond. Warren J. Fretz. M. W. Lang. David C. Hanawalt Jno. J. Hayes W. F. Crewe. Levi Wells. W. H. Meadors. A. D. Melvin. Isaiah Richards. F. O. Petty. Henry R. McNally Geo. D. Painter. A. G. G. Richardson et al. Don C. Ayer et al. Das. Johnston et al. H. N. Walter et al. O. E. Dyson et al. Clarence Loveberry et al. Geo. S. Baker et al. Niels C. Sorensen et al. W. J. Stewart et al. O. B. Hess et al. F. D. Ketchum et al. Jas. Fleming et al. J. C. Milnes et al. Harry D. Paxson et al. Wils B. Lincoln Wm. J. Muldoun Louis A. Klein Chas. M. Day Theo. S. Rich A. A. Holcombe	do	
	Wm. E. Smith	Services	0
	Geo. T. Hanton	do-	9
	W. E. Hill	do	10
	C. E. Grav	do	7
	Helen E. O'Brien	do	
	Caroline Burnaby	do	4 8 38
	F. L. Russell	do	8
	W. H. Wray	do	38
	Tooie A. Geddes	do	21
	Jno. Callahan	do	4
	Harry F. Hume	do	6
	Henry E. Pieper	do	1
	W. A. Savage	00	4
	WIII. E. SIMITH	The realing expenses	10
	Thes Pedmond	do	7
	Warren I Fretz	do	8
	M. W. Lang	do	7 8 4
	David C. Hanawalt	do	8
	Jno. J. Hayes	do	979
	W. F. Crewe	do	7
	Levi Wells	do	9
	W. H. Meadors	do	
	A. D. Melvin	do	10 10
	Isalan Kichards	do	10 10
	Honey D. McNeller	0D	10
	Goo D Pointer	do	0
	A G G Richardson et al	Salaries	8, 18
	Don C. Aver et al	d0	4.05
	Jas. Johnston et al.	do	2, 38
	H. N. Waller et al.	do	2,93
	O. E. Dyson et al	do	4, 05 2, 38 2, 93 9, 59
	Clarence Loveberry et al	do	51 42 2, 16
	Geo. S. Baker et al.	do	42
	Niels C. Sorensen et al.	do	2, 16
	A. B. Morse et al.	do	18
	W. J. Stewart et al	00	3,43
	F. D. Votebum et al	do	3,43 41 1,16
	Les Flaming et al	do	1,10
	I C Milnes et al	do	21
	Virgil L. Brown et al	do	1,03 21 2,69 54
	Chas Keane et al	-do	54
	Harry D. Paxson et al	do	1.24
	J. B. Clanev et al.	do	4, 32
18	Willis B. Lincoln	Traveling expenses	1, 24 4, 32 4 4
	Wm. J. Muldoun	do	4
	Louis A. Klein	do	4
	Chas. M. Day	do	3 3 5

	Name.	Nature of payment.	Tota
903.	W. B. Niles Clarence Loveberry M. T. Hascall Wm. F. Jones Alex E. Wight Jas. E. Ellis Stephen D. Gillett A. R. Wake G. W. Ward Allen A. Holcombe Chas. M. Day Clarence Loveberry W. B. Niles Julius Huelsen E. T. Davison A. G. G. Richardson Eimer & Amenddo Geo. W. Humbert Warren J. Fretz et al Geo. S. Hickox Thos. Redmond Chas. Pearson Geo. S. Baker Wilber H. Hurst Wm. F. Pflaeging W. R. Fleming Frank C. Eells Roy N. Drake Clinton H. Bugbee J. Wm. Fink Jas. Hewes H. T. Potter Jno. A. Bell E. L. Volgenan Chas. Cowie C. L. Morin N. L. Townsend Tooie A. Geddes Geo. C. Moser H. D. Mayne Chas. W. Deming Geo. W. Pope W. H. Wray Wm. C. Siegmund J. F. Ryder U. G. Houck B. F. Van Valkenburg Wm. D. Jorden Adolph Eichhorn Thos. A. Bray Jas. H. Copeland H. H. George Boyd Baldwin Tooie A. Geddes Geo. W. Pope W. H. Wray Wm. C. Siegmund J. F. Ryder U. G. Houck B. F. Van Valkenburg Wm. D. Jorden Adolph Eichhorn Thos. A. Bray Jas. H. Copeland H. H. George Boyd Baldwin Tooie A. Geddes Geo. W. Pope W. H. Wraydo F. L. De Wolf E. C. Schroeder W. H. Rose Geo. E. Howarddoleidy S. Depue		
v. 18	W. B. Niles	Traveling expenses	\$17
	Clarence Loveberry	do	50 46
	M. T. Hascall	do	40
	Alex E Wight	do	42 42 43 43
	Jas. E. Ellis.	do	41
	Stephen D. Gillett	do	4
	A. R. Wake	do	38
	G. W. Ward	do	41
	Allen A. Holcombe	Expenses	13
	Chas. M. Day	00	16
	W P Nilos	do	18 17
	Inline Huelsen	do	15
	E. T. Davison	do	2
1	A. G. G. Richardson	do	4
1	Eimer & Amend	Alum, etc	28
1	do	Compens ocular, etc	208 40
1	Geo. W. Humbert	Services	40
10	Warren J. Fretz et al	Salaries	670
19	Thos Podmond	Traveling expenses	22
1	Chas Pearson	do	119 24 3
	Geo. S. Baker	do	- 7
	Wilber H. Hurst	do	37
	Wm. F. Pflaeging	do	51 24
	W. R. Fleming	do	24
	Frank C. Eells	do	88
	Roy N. Drake.	00	106 116 11
	I Wm Fink	do	110
	Jas Hewes	do	12
	H. T. Potter	do	16
	Jno. A. Bell	do	2
	E. L. Volgenan	do	16
	Chas. Cowie	do	(
	C. L. Morin	do	10
	N. L. Townsend	do	15 69
	Toole A. Geddes	00	9
	H D Mayna	do	
1	Chas. W. Deming	do	18
	Geo. W. Pope	do	- 6
	W. H. Wray	do	4
	Wm. C. Siegmund.	do	(
	J. F. Ryder	do	30 88 13
	U. G. Houck	do	8
	Wm D Jorden	do	1.
	Adolph Eichhorn	do	5. 14
	Thos. A. Bray	do	14
	Jas. H. Copeland	do	14 14
	H. H. George	Expenses	4
	Boyd Baldwin	do	
	Toole A. Geddes	do	
	W H Wroy	do	
	do do	do	18
	F. L. De Wolf	do	10
	E. C. Schroeder.	do	7
	W. H. Rose	do	18
	Geo. E. Howard	Labels	382
	do	do	3, 250
	E. C. Schroeder W. H. Rose. Geo. E. Howarddo Leidy S. Depue. Chas. W. Deming. Frank W. Brewer. A. N. Irwin. C. A. Clawson	Meal and bran	382 3, 250 225
	Fronk W. Deming	Traveung expenses	14
	A. N. Irwin	do	14 46 78
	A. N. Irwin C. A. Clawson Jno. L. Burgett Robt. H. Treacy C. A. McCall Peter I. Kershner E. J. Foreman David R. Hodges F. Parker N. B. Smith	do	10
	Jno, Forbes	do	30
	Jno. L. Burgett	do.	17
	Robt. H. Treacy	do	56
	C. A. McCall	do	17 56 61
	Peter I. Kershner	do	17 59
	E. J. Foreman	do	17
	F Parker	d0	59 95
	1 . 1 at KE1	do	95 84 25 32
	N. B. Smith Wm. M. MacKellar Laomer West		

Date.	Name.	Nature of payment.	Total
1903.			
ov. 19	Arch. H. Wallace. Dan McCunningham J. B. Clancy.	Traveling expenses	\$25.
	Dan McCunningham	Expenses	54. 8.
	J. B. Clancy	Expenses	8.
	dodo	do	8.
	do Geo. W. Humbert E. A. McDonald St. Louis National Stock Yards	odo. Services.	11.
	E. A. McDonald.	Lanterns Transportation Advertising	80.
	St. Louis National Stock Yards.	Lanterns	1
	Rock & Co	Transportation	1. 5.
	Republican Publication Co	Advertising	2.
	The Boston Ice Co	Ice	3.
01	American Stave and Cooperage Co	Tank	118.
21	Washington Gas Light Co	Gas. Tags, etc.	38. 42.
	American Tee Co	Tags, etc	24.
	Z. D. Gilman	Tubing	30
	The Chesapeake and Potomac Telephone Co	Tubing Service Wheat shorts	50.
23	Shannon & Axtell	Wheat shorts	10
	Wm. P. Cherrington	Services	5.
	Joseph Hiatt	Pigs	5. 24.
	A. R. Wightman	Shotes	24.
	Republican Publication Co The Boston Ice Co. American Stave and Cooperage Co. Washington Gas Light Co. Rudolph, West & Co. American Ice Co. Z. D. Gilman The Chesapeake and Potomac Telephone Co. Shannon & Axtell Wm. P. Cherrington Joseph Hiatt A. R. Wightman T. E. James A. McDaniel	Pigs	52.
	A. McDamel	Trac horas and hymn	48.
	T. E. James A. McDaniel Geo. W. Butler F. D. Ketchum Russell G. Merrill Aug. C. Jens. Jos. J. Brougham R. J. O'Brien Bros. Co Alex. St. John Chas. Keane	Services Pigs Shotes Pigs do Use horse and buggy do	30 25
	Pussell G Marrill	dodo	25 25
	Aug C Jane	do	25
	Jos. J. Brougham	do	40
	R. J. O'Brien Bros. Co.	Oats and bran	40 35
	Alex. St. John	Repairing stoves	48
	Chas. Keane	Use horse and buggy	25 20
	The Dairyman's Supply Co	Beimling apparatus	20
	New England Telephone and Telegraph Co	Service	12
	Alex. St. John Chas. Keane The Dairyman's Supply Co. New England Telephone and Telegraph Co. F. Auerbach & Bro. Trustees of the Milk St. Trust W. S. Goodhue The Continental Creamery Co. S. M. Birch Rockwell-Wabash Co. Ben. Roberts F. J. Lamb	Oats and bran Repairing stoves. Use horse and buggy Beimling apparatus Service Rent do do Export butter Pipe Desk Mare Corn	30
	Trustees of the Milk St. Trust	do	75 50
	W. S. Goodnue	Expost button	780
	g M Rirch	Pina	7
	Rockwell-Wahash Co	Desk	7. 30. 25
	Ben Roberts	Mare	25
	F. J. Lamb.	Corn.	40.
	F. J. Lamb Frank C. Heffner	Hogs Use saddle horse do Use horse	40
	S. W. Burt	Use saddle horse	25 25
	O. E. Dyson	do	25
	Don C. Ayer	Use horse	15
	Frank C. Heffner S. W. Burt O. E. Dyson Don C. Ayer W. S. Cass E. T. Davison Jas. W. Davis Albert E. Behnke Good Chyenue Bed Feather	do	34
	L. T. Davison	dodo	41 18
	Albert E. Rebuke	do	35
	Good Chyenue	Mare	20
	Red Feather	do	20
	Edison Electric Illuminating Co	Electric light	1
	Herbert J. Harwood	do Mare do Electric light Rent	1 65
	Good Chyenue. Red Feather. Edison Electric Illuminating Co. Herbert J. Harwood The Okonite Co. (Limited). Queen & Co. (Incorporated). do	Wire Ammonia, etc. Cylinder Berkefeld.	6
	Queen & Co. (Incorporated)	Ammonia, etc	7
	do	Cylinder Berkeleid	24
	dododo Library Bureau Morris Miller New York Telephone CodoJ. C. Lorenzen Hiram W. Hawley Western L. Johnson F. T. Dewisen	Tubes	9 16
	Morris Miller	Cards. Painting. Service. do Use horse and wagon.	35
	New York Telephone Co	Service	33
	do	do	24
	J. C. Lorenzen	Use horse and wagon	36 32
	Hiram W. Hawley	Use norse and wagon do Traveling expenses	32
24	Western L. Johnson	Traveling expenses	63
25	E. T. Davison	Services	126 3
	J. B. Clancy	Expenses	3
	Western L. Johnson E. T. Davison J. B. Clancy Thos. White G. A. Bond Horace H. Collins Jno. A. Kiernan Hugh M. Rowe Wm. Proudfoot S. E. Bennettdo Marion Dorsett et al Wm. Lochte Remington Typewriter Co Geo. F. Muth & Co District of Columbia Paper Maunfacturing Co	Traveling expenses	47
27	Horoco H Collins	do	79 88 31
21	Ino A Kiernan	do	31
30	Hugh M. Rowe	do	60
90	Wm. Proudfoot	do.	75
	S. E. Bennett	do	22
	do	do	11
	Marion Dorsett et al	Salaries	5,674
ec. 1	Wm. Lochte	Shoeing horses	5, 674 11 5, 674 12
	Remington Typewriter Co	Paper	10

ate.	Name.	Nature of payment.	Total.
903.			
. 1	W. B. Moses & Sons	Chair	\$20.
	Capital Traction Co	Fare tickets	10.
	E. G. Schafer & Co	Fare tickets Bushings, etc. Pigeons	8.
	Capital Traction Co E. G. Schafer & Co Edw. S. Schmid	Pigeons	1.
	do	Mice Thread Stand	1.
	Woodward & Lothrop	Thread	1.
	do	Stand	5.
	do	Screen	33.
	E. Morrison Paper Co	Paste	2.
	Thos. Somervine & Sons	Conor dairon	168.
	Wm U Dann & Co	Inly ofo	14. 88.
2	Chicago Cor Sool and Manufacturing Co	Togs	00
-	Wm Vrofft	Covers	8.
	Loidy & Danua	Oots	45.
	do	Oats and meal	495
	C H Hanson	Type etc	9
	A F Little	Blotters etc	2 6
	Walter Young	Mare	25
	J. R. Stafford	Use of wagon and horse	25 10
	Her Plenty Horse.	Mare	10
	Wm. Bird Head	do	. 30
	dododododododo	Coal	9 3 7
	Jno. Tein.	Labor and materials	3
	Jas. Fitzsimmons	Chair	7
	The Draper Manufacturing Co	Thermometers	120
	Jno. S. Martin & Co	Cheese	737 37 2
	L. R. De Freece	Corn	37
	Underwood Typewriter Co	Cleaning typewriter	2
	Miller Lock Co	Locks	14
	Chadwick Copying Book Co	Books	46
	Wolf Bros	do	3
	Remington Typewriter Co	Cleaning typewriter	16
	The C. J. McCubbin Co.	Valves	16 36
	R. Carter Ballantyne	Inkstands, etc	36
	F. P. Shea	Cattle	75
	D. Frank Parker	Paper, etc	78
	Chicago Con Cool and Manufacturing Co	Sindes, etc	40
3	Albert Deep et al	Coloria	14 776
9	Goo W Pope of ol	Salaries	
	H A Hadrick at al	do	463
	Julius Huelsen et al	do	463 673
	W. H. Rose et al	do	1, 158
	R. J. O'Brien & Bros. Co	Oats, etc.	38
	Geo. W. Millar & Co	Paper	25
	Harry Richardson	Mare	25 20
	Mallinckrodt Chemical Works	Bromid, etc.	50 1
	St. Louis National Stock Yards Co	Office rent.	50
	Tahlequah Arrow	Advertising	1
4	Edward K. Ward	Traveling expenses	4
	Herbert Caldwell	do	4
	Geo. Detewig	do	5
	C. L. Morin	do	7
	F. L. Simpson	do	10
	Jas. Hewes	do	18 48
	Jos. M. Good.	00	48
	Dice P Staddom	00	42
	Rice P. Steddom.		3 2
	W.H. T. Sparnawk.	0.1	7.45
	Con Diterrigat al	Salaries	145
	Albert E. Rehnke et al	do	1,169
	Harry N Waller et al	do	1, 246 3, 041
	Boyd Baldwin	Evnenses	3,041
	G. A. Parks	Services	130
	Geo. M. Whitaker	do	130 122
	Geo. W. Pope et al. H. A. Hedrick et al. Julius Huelsen et al. W. H. Rose et al. R. J. O'Brien & Bros. Co Geo. W. Millar & Co Harry Richardson. Mallinckrodt Chemical Works St. Louis National Stock Yards Co Tahlequah Arrow. Edward K. Ward Herbert Caldwell Geo. Detewig C. L. Morin. F. L. Simpson Jas. Hewes. Jos. M. Good Lowell Clarke Rice P. Steddom Wm. T. Sparhawk F. H. Huutington et al. Geo. Ditewig et al. Albert E. Behnke et al. Harry N. Waller et al. Boyd Baldwin. G. A. Parks Geo. M. Whitaker Levi Wells. B. F. Van Valkenburgh Ed. H. Webster W. D. Collyer M. W. Lang U. G. Houck Jas. Hewes Jno. T. Deadman Jno. Callahan Leslie J. Allen.	do	146
	B. F. Van Valkenburgh	do	146
	Ed. H. Webster	do	146 163 146
	W. D. Collyer	do.	146
	M. W. Lang.	do	146
	U. G. Houck	do	146
	Jas. Hewes	do	90
	Wm. H. Wade	do	73
	Harry F. Hume	do	58
	Jno. T. Deadman	do	54
	Ino Collohon	do	36

 $Expenditures\ of\ the\ Department\ of\ Agriculture\ for\ fiscal\ year\ ending\ June\ 30,\ 1904\\ -- Cont'd.$ 

BUREAU	OF	ANIMAL	INDUSTRY,	EXPENSES—Continued
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ate.	Name.	Nature of payment.	Total.
903.			
c. 4	H. B. Adair. Thos. A. Bray. Peter I. Kershner. Jno. Forbes. W. J. Kennedy. D. Cumming. A. A. Holcombe. C. L. Morin.	Services.	\$122.
	Thos. A. Bray	do	122.
	Peter I. Kershner	do	122. 122.
	Jno. Forbes.	do	130.
	W. J. Kennedy	do	100.
	A A Holoomba	do	105. 122.
	C. I. Morin	do	97.
	H. D. Mayne	do	97.
	Chas. Pearson	do	97. 97. 97. 97.
	Laomer West	do	97.
	Geo. Jerome	do	97.
	Dan McCunningham	do	97. 97. 97.
	Jno. L. Burgett	do	97.
	Wm I Hight	do	97.
	Wm D Jorden	do	97. 97. 97. 114.
	Stephen L. Blount	do	97
	C. A. Clawson	do	114.
	E. J. Forseman	do	114.
	Chas. A. McCall	do	114.
	Jos. W. Parker.	do	114.
	Theo. S. Kich.	00	114.
	Jno. Forbes W. J. Kennedy D. Cumming. A. A. Holcombe C. L. Morin. H. D. Mayne Chas. Pearson Laomer West Geo Jerome Dan McCunningham Jno. L. Burgett Marion Imes. Wm. L. Hiatt Wm. D. Jorden Stephen L. Blount C. A. Clawson E. J. Forseman Chas. A. McCall Jos. W. Parker Theo. S. Rich Geo. E. Totten Geo. W. Browning Frank W. Brewer Arch. H. Wallace A. N. Irwin W. L. Johnson Lewis Metsker Louis A. Klein Jno. A. Sloan Wm. M. MacKellar Geo. E. Howard F. W. Bicknell Saml. E. Bennett et al Walter J. Stewart et al Fredk. Bragington et al Edwd. P. Dowd et al R. J. Blanche et al Nathan K. Fegley et al F. L. De Wolf et al L. K. Green et al Trajan J. Shipley et al Edw. O. Speake et al Joshua Miller et al Robt. L. Kelly et al O. E. Dyson et al C. A. Schauffer et al Benyd Baldwin et al J. J. Brougham et al Benyd Raldwin et al J. J. Brougham et al Benyd Raldwin et al J. J. Brougham et al Benyd Raldwin et al J. J. Brougham et al Bennhard P. Wende et al J. J. Brougham et al Bennhard P. Wende et al J. B. Claney et al Lewis R. Baker et al Geo. C. Faville et al J. B. Claney et al Lewis R. Baker et al Geo. C. Faville et al J. B. Claney F. W. Hopkins Jos. M. Good David C. Hanawalt Willis B. Lincoln Willis H. Meadors G. W. Ward Walter H. Yingst Jos. M. Fotter Joshua Miler et et al W. B. Niles et al	do	114 114 114 114
	Frank W. Brewer	do	114
	Arch. H. Wallace	do	114
	A. N. Irwin	do	114
	W. L. Johnson	do	114 114
	Lewis Metsker	do	114 114
	Louis A. Klein	do	114
	Jno. A. Sloan	do	114 114 3,250 250
5	W III. M. MacKellar	0D	2 250
9	F W Ricknell	do	250
	Saml E Bennett et al	Salaries	7 913
	Walter J. Stewart et al.	do	3, 227
7	Fredk. Bragington et al.	do	181
	Edwd. P. Dowd et al	do	7,913 3,227 181 181
	R. J. Blanche et al	do	181
	Nathan K. Fegley et al	do	181 254 254 309
	F. L. De Wolf et al	do	204
	Traign I Shipley at al	do	327
	Edw O Speake et al	do	340
	Joshua Miller et al.	do	340 368
	Robt. L. Kelly et al.	do	383
	O. E. Dyson et al.	do	9,129
	C. A. Schaufler et al.	do	1,120
	Boyd Baldwin et al.	do	383 9,129 1,120 773 2,758
	Wesley N. Neil et al.	do	2,758
	I I Brougham et al	do	769 1 577
	Bernhard P Wende et al	do	1.983
	J. B. Clancy et al	do	769 1, 577 1, 983 3, 513 3, 486 3, 156 806 345 285 73
	Lewis R. Baker et al	do	3,486
	R. P. Steddam et al	do	3,156
	Jas. Fleming et al.	do	806
	A. G. G. Richardson et al	do	345
	Geo. C. Faville et al	The weling expenses	285
	G H Parks	do do	10
	J B Clancy	Expenses	10
8	F. W. Hopkins	Services	122
	Jos. M. Good	do	114
	David C. Hanawalt	do	114
	Willis B. Lincoln	do	114
	Willis H. Meadors	do	114
	Wolter H. Vinget	do	122 114 114 114 114 114 97
	Tos M Turner	do	72
	F P Herron	do	58
	H. T. Potter	do	17
	Billa D. Way	do	73 58 17 13
	Tessie C. Havey	do	9
	Edw. P. Schaffter et al	Salaries	710 445
	W. B. Niles et al	do	445
		do	185 734

Date.	Name.	Nature of payment.	Total.
1903.	The David Henry Building Co. Harry D. Paxson et al. F. D. Ketchum et al. Geo. A. Johnson et al. H. H. George et al. Levi P. Beechey et al. Jas. S. Kelly et al. Ja. C. Milnes et al. W. J. Murphy et al. Arthur B. Morse et al. M. O. Anderson et al. W. H. Gibbs et al. Don C. Ayer et al.		
Dec. 8	The David Henry Building Co	Labor and material	\$9,403.72
9	F D Katchum at al	do	1,310.19 1,127.20 818.80
	Geo A Tohnson et al	do	818 80
	H H George et al.	do	727.38
	Levi P. Beechev et al.	do	727.38 683.96
	Jas. S. Kelly et al	do	254.40 203.80
	J. C. Milnes et al	do	203.80
	W. J. Murphy et al	do	105 60
	Arthur B. Morse et al.	do	181.00 181.00 156.60
	M. O. Anderson et al	do	181.00
	W. H. Globs et al.	00	2 016 50
	Tooch & Rorner	Sarvinae	3, 916. 50 13. 04
	Russell G Marrill	do	73 40
	Isaiah Richards	do	73.40 81.60
	W. H. GIBBS et al. Don C. Ayer et al. Jacob S. Berner Russell G. Merrill Isaiah Richards Jas. W. Davis.	do	73 40
	Emerson J. Cary	do	114.20
	H. H. Collins	do	114.20
	W. S. Cass.	do	114, 20 114, 20 114, 20
	Benerson J. Cary H. H. Collins W. S. Cass. Geo. W. Butler	do	114.20
	Chas. Cowie	do	104.00
	Jas. E. Ellis	do	104.00 97.80 97.80
	H. H. Collins W. S. Cass. Geo. W. Butler. Chas. Cowie. Jas. E. Ellis. Wilbur E. Hurst. Henry R. McNally Wm. F. Jones. S. W. McClure Frank Parker. Wilton F. Crewe. Chas. W. Deming Morris T. Hascall David R. Hodges. Thos. J. Lowry F. O. Pettey. Jas. Irwin. Wm. F. Pflaeging. A. J. Smith. W. J. Muldoun. Geo. S. Hickox et al. Niels C. Sorensen et al. Jno. Mc Birney. Jno. A. Kiernan. Frank C. Eells. Dean G. Cooper. Jno. J. Hayes. Walter E. Howe J. Otis Jacobs. M. S. Lantz L. W. O'Rourke. Clinton H. Bugbee W. R. Fleming Roy N. Drake. Thos. White H. J. Hammond R. A. Ramsay. N. L. Townsend A. J. Pistor Alex. G. Wight N. B. Smith Robt. H. Treacy W. W. Worcester Dulin & Martin	do	97.80
	Wm F Jones	do	97. 80 97. 80 97. 80 97. 80
	S W McClure	do	97.80
	Frank Parker	do	97. 80
	Wilton F. Crewe	do	97.80
	Chas. W. Deming	do	97. 80 97. 80 81. 60
	Morris T. Hascall	do	81.60
	David R. Hodges	do	81.60
	Thos. J. Lowry	do	81.60
	F. O. Pettey	do	81.60 81.60
	Jas. Irwin	do	81.60
	WIII. F. Fliaeging	dodo	81.60 81.60
	W. J. Muldoup	do	55.43
	Geo S Hickox et al	Salaries	55. 43 815. 40 1, 983. 20
	Niels C. Sorensen et al.	do	1, 983, 20
	Jno. McBirney	Services	130. 40 122. 20 122. 20 122. 20
	Jno. A. Kiernan	do	122.20
	Frank C. Eells	do	122, 20
	Dean G. Cooper	do	122.20
	Jno. J. Hayes	do	114. 20 114. 20 114. 20
	Walter E. Howe	do	114.20
	M C Lontz	do	114. 20
	I W O'Rourke	do	114.20
	Clinton H Bughee	do	114.20
	W. R. Fleming	do	114. 20 114. 20 114. 20
	Roy N. Drake	do	114.20
	Thos. White	do	114.20
	H. J. Hammond	do	114.20 114.20
	R. A. Ramsay	do	114.20
	N. L. Townsend	do	114.20
	A. J. Pistor	do	114. 20 114. 20 114. 20
	Alex. G. Wight	do	114.20
	Poht H Tracer	do	114.20
	W W Worcester	do	114. 20 114. 20
10	Dulin & Martin	Mon wringer	1 80
10	Lamb & Tilden	Ink	12.00
	Robt H. Treacy W. W. Worcester Dulin & Martin Lamb & Tilden Lutz & Co Jno. C. Parker Z. D. Gilman	Soap	2, 45
	Jno. C. Parker	Paper, etc	167.64
11	Z. D. Gilman	Tubing, etc	18.89
*	Barber & Ross	Paper, etc	2. 45 167. 64 18. 89 8. 92
	Fred. A. Schmidt.	Crayons	. 25 13. 19
	Geo. F. Muth & Co.	Oil.	13.19
10	Barber & Ross. Fred. A. Schmidt. Geo. F. Muth & Co. E. J. Schafer & Co. M. W. Lang. J. Otis Jacobs. Jos. M. Good. Chas. Cowie. W. W. Worcester. Willis B. Lincoln. Morris Wooden. Geo. S. Baker. A. A. Holcombe.	Valves	4.66 133.10
12	M. W. Lang	Traveling expenses	133, 10
	J. Ous Jacobs	do	117.80
	Chas Cowie	do	31.45 13.60
	W W Worcester	do	13.60 45.00
	Willis B Lincoln	do	48.10
	Morris Wooden	do	72.35
	Geo. S. Baker	do	72.35 7.00
	A. A. Holcombe	do	74.54

ate.	Name.	Nature of payment.	Tota
903.			
. 12	Herbert M. Smith A. G. G. Richardson Lewis R. Baker Geo. W. Pope A. D. Melvin Arthur C. Hart H. D. Mayne Jno. E. Potter W. D. Collyer Wm. Proudfoot do	Traveling expenses	\$8 1]
	A. G. G. Richardson	do	11
	Lewis R. Baker	do	3
	Geo. W. Pope	do	90
	A. D. Melvin	do	8,
	H D Mayne	do	j
	Jno. E. Potter	do	
	W. D. Collyer.	do	9
	Wm. Proudfoot	do	3.
	do	do	10
	W. B. Niles	00	1
	O B Hass at al	Salariae	379 379
	Roht Darling et al	do	19.
	Chas. H. Zink et al.	do	51
	Chas. Keane et al	do	19 51 53
	Fredk. Ainsworth et al	do	50
	Geo. S. Baker et al.	do	40
	Clarence Loveberry et al	Expanses	50 40 48 1
	W H Rose	do	1
	W. B. Niles	do	2
	Clarence Loveberry	do	ī
	H. D. Mayne Jno. E. Potter W. D. Collyer W. D. Solve W. B. Niles Clarence Loveberry O. B. Hess et al Robt. Darling et al Chas. H. Zink et al Chas. Keane et al Fredk. Ainsworth et al Geo. S. Baker et al Clarence Loveberry et al F. L. De Wolf W. H. Rose W. B. Niles Clarence Loveberry Jno. A. Bell W. E. Hill Geo. A. Bond J. F. Ryder Fred. E. Dauncey E. A. McDonald W. E. A. McDonald W. E. Smith A. E. Behnke Leslie Allen do Geo. E. Totten Jos. W. Parker Geo. E. Totten Jos. W. Parker Jos. W. Parker Jos. W. Parker Louis Metsker Louis Metsker Louis Metsker Louis A. Klein Jno. V. Laddey Geo. W. Browning Theo. S. Rich Peter I. Kershaw R. L. Kelly J. F. Ryder Chas. Fearson W. M. MacKellar A. H. Wallace Louis Metsker W. H. Wray W. D. McArthur E. T. Davison et al G. W. Pope Harry D. Payson Jos. W. Harler Louis Metsker W. H. Wray W. D. McArthur E. T. Davison et al G. W. Pope Harry D. Payson Jos. W. Harler Jos. W. Harler Jos. W. Pope Harry D. Payson Jos. W. Harler Jos. W. Pope Harry D. Payson Jos. W. Harler Jos. W. Harler Jos. W. Harler Jos. W. Pope Harry D. Payson Jos. W. Harler Jos. W. Harler Jos. W. Harler Jos. W. Harler Jos. W. Josephon Jos	Services	2
	W. E. Hill	do	9
	Geo. A. Bond	do	9 11 16 4 9 3
	J. F. Ryder	00	16
	E A McDonald	do	4
	Wm. E. Smith	do	9
	A. E. Behnke	Use horse and buggy	3
14	Leslie Allen	Traveling expenses	6
	do	do	5
	Geo. E. Totten	do	6 5 5
	Jos. W. Parker	do	3
	Chas M Day	do	2
	Jno. L. Burgett	do	3 2 1
	Thos. A. Bray	do	1
	Geo. C. Moser	do	1
	Jos. W. Parker	do	3
	Chas A McCall	do	1 3 6 6 4 4
	Laomer West	do	4
	W. L. Johnson	do	4
	C. A. Clawson	do	3
	Louis A. Klein	do	2
	Jno. V. Laddey	do	2
	Theo S Dich	do	2 2 2 2
	Peter I Kershaw	do	2
	R. L. Kelly	do	2
	J. F. Ryder	do	2 2 3
	Chas. Pearson	do	3 4 4
	W. M. MacKellar	do	4
	A. H. Wallace	00	4
	W H Wrev	Services	6 37 12 34
	W. D. McArthur	Sel vices	12
	E. T. Davison et al.	Salaries	34
	G. W. Pope	Expenses	1
	H. H. George	do	1
	A. A. Holcombe	do	
	Harry D. Payson	do	1
	Ino R Mohler	do	1
	E. A. de Schweinitz	do	
	Chas. Keane	Use horse and buggy	2
	O. E. Dyson	Use saddle horse	2
	H. W. Hawley	Use horse and buggy	24 24 31 24
	S. W. Burt	Use saddle horse	2
	Trustees of the Mills St. Trust	Omce rent	30
	Chas. Keane O. E. Dyson H. W. Hawley S. W. Burt F. Auerbach & Bro Trustees of the Milk St. Trust Geo. E. Francis Travis & De Freece Aug. C. Jens Borden & Selleck Co. St. Louis National Stock Yards	Office rentdo. Use horse and buggy. Wire fencing, etc. Use horse and buggy. Scale. Office rent.	7: 5:
	Travis & De Freece	Wire fencing, etc	2
	Aug. C. Jens.	Use horse and buggy	2
	Dondon & College Co	Coolo	1: 5:

Date.	Name.	Nature of payment.	Total.
1903.			
ec. 14	Jno. C. Lorenzen	Use horse and buggy	\$32.4
	W. S. Goodhue	Office rent	50.0
	W. S. Goodhue J. P. Nawrath Thos. Meehan Sons	Office rent Twine Pears, etc Seals Use horse and buggy	50. 0 7. 5 37. 5
	Thos. Meehan Sons	Pears, etc	37. 5
	E. J. Brooks & Co.	Tigo horse and hugger	129. 8 30. 0 18. 0 25. 0
	Geo. W. Butler Jas. W. Davis F. D. Ketchum	do do	19.0
	F D Katchum	dodo	25.0
	American Ice Co.	Tre	20.8
	Don C. Aver	Use of horse. Use horse and buggy Alcohol	15.0
	Don C. Ayer Jas. J. Brougham The American Distributing Co.	Use horse and buggy	40.0
	The American Distributing Co.	Alcohol	22. 9 59. 2
	Ames Plow Co	Fence.	59.2
	Conant & Co.	Brads, etc. Boards, etc. Horseshoeing. Use horse and buggy	6.0
	Frank Brandon	Boards, etc	31.6
	Wm. Lochte	Horseshoeing	11. 7 25. 0
	Russell G. Merrill	Use horse and buggy	25.0
	Edison Electric Illuminating Co	Electric lights	2.7 25.0
	Koot. Daring.	Use norse and buggy	25, 0
	Ames Plow Co Conant & Co Frank Brandon Wm Lochte Russell G. Merrill Edison Electric Illuminating Co Robt. Darling Kehoe Livery and Trucking Co F. C. Hartwell F. L. Russell Chas. A. McCall Jno. A. Sloan W. J. Muldoun Warren J. Fretz Thos L. Armstrong G. W. Ward Levi Wells S. E. Bennett F. L. Russell W. J. Crawford Star Union Line do Metropolitan Steamship Co Pennsylvania R. R. Co E. T. Davison Wm. D. Jorden Frank W. Brewer A. N. Irwin Ernest J. Foreman H. T. Potter Eli L. Bertram J. G. Fish	Poete	6.0 4.1
15	F I Russell	Traveling expenses	85.8
10	Chas. A. McCall	do	22:4
	Jno. A. Sloan	do	20.1
	W. J. Muldoun	do	20. 1 19. 7
	Warren J. Fretz	do	15.9
	Thos L. Armstrong	do	12.8
	G. W. Ward	do	11.2
	Levi Wells	do	155. 1
	S. E. Bennett	do	8.1
	F. L. Russell	do	128.0
	W. J. Crawford	Transportation	
	Star Union Line	do	. /
	do	do	4.6
	Metropolitan Steamsnip Co	do	.2
16	F M Davison	(Characteristic of the control of th	. 0
10	Wm D Jordon	Traveling expenses	38.8 53.2
	Frank W Brower	do	42.4
	A N Irwin	do	36.7
	Ernest J. Foreman	do	18 4
	H. T. Potter	do	18. 4 2. 7
	H. T. Potter Eli L. Bertram J. G. Fish Henry Singleton W. H. WraydododoJno. Forbes Dan McCunningham Tooie A. Geddes	do	3.5
	J. G. Fish	do	5.5
	Henry Singleton	do	6.1
	W. H. Wray	do	6.6
	do	Expenses	2.0
	Geo. Jerome	Traveling expenses	35.4
	The Forber	do	64. 0 36. 7 68. 3
	Don McCunningham	d0	30.7
	Toole A Coddes	do	49.2
	B E Bayes	Corn	19.3
	Clarence Loveberry	Use horse and buggy	21 6
	J. C. Rounds	Mare	21. 6 50. 0
	Dan McCunningham Tooie A. Geddes B. E. Bayes Clarence Loveberry J. C. Rounds Hooker, Lewis & Co J. R. Stafford Chas. Hubinger do E. T. Dayison	Paper, etc	0 8
	J. R. Stafford	Use horse and wagon	10.0
	Chas. Hubinger	Kevs	31.3
	do	Gasoline Use horse and buggy Mare	10. 0 31. 3 15. 3
	E. T. Davison	Use horse and buggy	34.0
	W. E. Hargrave	Mare	75.0
	Harvard Laundry Co	Service Services.	7. 1 203. 8
	Toole A. Geddes	Services	203.8
	E. T. Davison W. E. Hargrave Harvard Laundry Co Toole A. Geddes J. F. Deadman	do Expenses	39.0
	W. I. Crawford	Expenses	6.7 1.2
17	Ponnsylvania P. D. Co	Services	1.2
17	Chicago Rock Island and Pacific Port	do do	. 6
	Louisville and Nashville R R Co	do	.8
	Chicago, Rock Island and Pacific Rwy Co	do	. 8
	J. F. Deadman E. C. Schroeder W. J. Crawford Pennsylvania R. R. Co Chicago, Rock Island and Pacific Rwy. Co Louisville and Nashville R. R. Co Chicago, Rock Island and Pacific Rwy. Co Chicago, Rock Island and Pacific Rwy. Co Chesapeake and Ohio Rwy. Co W. M. Lawson do.	do	. 0
	W. M. Lawson	Drills, etc	. 9 12. 5
	do.	Shoeing horses	11.8
	Henry Heil Chemical Co	Alcohol, etc.	7.0
	Whitall Tatum Co	Alcohol, etc. Tin boxes.	.4
	Henry Heil Chemical Co. Whitall Tatum Co. Rand. McNally & Co.	Ink	4.0
	Jay Merrill Jno. C. Massie	Ink Traveling expenses	85.0
		Services.	81.6

Date.	Name.	Nature of payment.	Tot
1903.			,
c. 17	B. F. Van Valkenburgh Thos. Redmond	Traveling expenses	\$1
	Thos. Redmond	do	]
	Thos. Redmond Albert Dean United States Envelope Co. Geo. E. Howard. Edw. S. Schmid. D. E. Salmon The Chicago, Burlington and Quincy Rwy. Co. Chicago and Northwestern Rwy. Co. Chicago and Alton Rwy. Co. Cleveland, Cincinnati, Chicago and St Louis Rwy. Co.	do	1
	Coo F Howard	Labels	3, 25
	Edw. S. Schmid	Mice	0,40
	D. E. Salmon	Traveling expenses.	4
18	The Chicago, Burlington and Quincy Rwy. Co.	Passenger transportation	
	Chicago and Northwestern Rwy. Co	do	4
	Chicago and Alton Rwy. Co	do	4 2 2
	Rwy. Co.	do	2
	Rwy. Co. Denver and Rio Grande R. R. Co The Missouri Pacific Rwy. Co. Louisville and Nashville R. R. Co Southern Rwy. Co. do.	-do	8
	The Missouri Pacific Rwy, Co.	do	
	Louisville and Nashville R. R. Co	do	3
	Southern Rwy. Co	do	1
	do	do	1
	do Oregon Short Line R. R. Co .do New York, New Haven and Hartford R. R. Co	do	1 7
	do	do	7
	New York, New Haven and Hartford R. R. Co.	do	1
	do	do	3
	Baltimore and Ohio R. R. Co	do	3
	do	do	2
	The Atchieon Topoke and Conta Fe Dever Co	do	6
	do	do	6
	New York, New Haven and Hartford R. R. Cododo	do	5
	do.	do	3
	New York Central and Hudson River R. R.	do	12
	Co.		_
	Pennsylvania R. R. Co	do	5
	do	do	6 3
19	F. J. Marley	Tran rock	4
20	R. W. Burrell	Labor and material	3
	W. H. Wade	Expenses	2 2 1
	Jno. A. Kiernan	Traveling expenses	2
	Wm. F. Jones	do	1
	Jno. Summers	do	1
	Burton R Rogers	do	1
	W. H. Hurst	do	1 2
	E. N. Hutchinson	do	6
	Wm. F. Pflaeging	do	6 3 2
	Milton F. Crewe	do	2
	R. G. Merrill	do	9
	Jay Marrill	do	2 14 9
	Jno. McBirney.	do	9
	Jno. J. Hayes	do	5 9 2
	Jno. C. Massie	do	9
	Co. Pennsylvania R. R. Co	do	2
	W R Flaming	do	5 2
	Frank C. Eells	do	6
	A. J. Pistor	do	1
	Horace H. Collins	do	5
	N. L. Townsend	do	1
	M. S. Lantz	do	1 3 5
21	M. R. Dennis W. R. Dennis W. S. Cass. Chas. White R. A. Ramsay. S. W. McClure Isaiah Richards H. J. Hammond.	00	3
21	Chas White	do	1
	R. A. Ramsay	do.	7
	S. W. McClure	do	8
	Isaiah Richards	do	6 11
	H. J. Hammond	do	11
	S. D. Gillett	do	2
	Henry R. McNally	do	3 4
	A. J. Smith	do	10
	Jno. C. Massie	do	7
	Hugh M. Rowe	do	6
	S. D. Gillett. Walter E. Howe. Henry R. McNally A. J. Smith Jno. C. Massie. Hugh M. Rowe Rice P. Steddom	Expenses	1
	Walter G. Hemming & Sons. The D. Henry Building Co W. S. Cass. The Chesapeake and Potomac Telephone Co.	Garagian and material	1
	Walter G. Hemming & Sons	Services and material	1 1
	W S Cass	Use horse and buggy	3
		COULDING WARE NUMBEL OF STREET	9

Date.	Name.	Nature of payment.	Total.
1903.			
Dec. 22	David R. Hodges. E. J. Cary I. W. O'Rourke Jas. E. Ellis. R. P. Andrews & Co., Inc. Jas. B. Lambie Co.	Traveling expenses	\$40.5
	E. J. Cary	do	60.0
	Jas. E. Ellis	do	37. 5
26	R. P. Andrews & Co., Inc.	Paper	118.3 37.5 52.9
	Jas. B. Lambie Co	Padlocks, etc	21.4
	Jas. B. Lambie Co Ernest Betz Delano & Moore Rudolph, West & Co. Leidy S. Depue Wm. E. Pratt Library Bureau E. J. Brooks & Co.	Tire. Plates, etc.	8.0
	Rudolph West & Co	Nails etc	60.9
	Leidy S. Depue	Nails, etc. Bran and corn	228.0
	Wm. E. Pratt	Hog rings Cards	54.6
	Library Bureau	Cards	62, (
	E. J. Brooks & Codo	Seals.	35, ( 38, (
	Church & Stephenson	do Lumber	303.9
	Bausch & Lomb Optical Co	Tubes	50.8
	Arizona Publishing Co	Advertising	2.4
-00	Eimer & Amend	Molybolic acid, etc	73.0
28	Lewis Keiser	Hogs	29.0 196.0
	Clinton H. Bugbee	Traveling expenses	93.7
	W. H. Meadors	do	93.7 47.2 79.6
0.7	U. G. Houck	Colombo	79.6
31	do Church & Stephenson Bausch & Lomb Optical Co. Arizona Publishing Co. Eimer & Amend Union Pacific R. R. Co Lewis Keiser Clinton H. Bugbee W. H. Meadors U. G. Houck Marion Dorsett et al	baiaries	5,936. 5
	Total second quarter		334, 632.3
1904. an. 2	Ed. H. Webster. M. W. Lang. W. D. Collyer. B. F. Van Valkenburgh G. M. Whitaker. Levi Wells.	Traveling expenses	107.
ан. 2	M. W. Lang	Services	151.6 151.6
	W. D. Collyer	do	151.6
	B. F. Van Valkenburgh	do	151.6
	Lovi Wolls	do	126.4
	Ed. H. Webster	do	151, 6 168, 5
5	M. O. Anderson	Expenses	1. 2
	Roy N. Drake.	Traveling expenses	90.7
	C. E. Moss.	do	90. 7 27. 7 42. 7
	D. C. Hanawalt	do	50.8
	R. H. Treacy	do	45.8
	Jay Merrill	do	38.
	Murray I Myore	do	30.9
	Geo. A. Bond	do	5. 69.
6	U. G. Houck	Services	151. (
	Geo. Jerome	do	101.
	H. B. Adair E. I. Foreman	dodo	101. 126. 117.
	Wm. M. MacKellar	do	117.
	Dan McCunningham	do	101.
	Geo. W. Browning	do	101. 117. 101.
	C. A. Clawson	do	101. 117.
	Wm. L. Hiatt	do	101.
	B. F. Van Valkenburgh G. M. Whitaker Levi Wells Ed. H. Webster M. O. Anderson Roy N. Drake C. E. Moss. Geo. S. Hickox D. C. Hanawalt R. H. Treacy Jay Merrill Alex. E. Wight Murray J. Myers Geo. A. Bond U. G. Houck Geo. Jerome H. B. Adair E. J. Foreman Wm. M. MacKellar Dan McCunningham Geo. W. Browning Wm. I. Jorden C. A. Clawson Wm. L. Hiatt Marion Imes Louis A. Klien H. D. Mayne W. L. Jolnson Arch H. Wallace Jno. Forbes Jno. A. Sloane Chas. Pearson Leslie J. Allen C. L. Morin Jno. Callahan F. M. Perry Harry F. Hume A. A. Holcombe Frank W. Brewer Thos. M. Brewer Thos. M. Perry Harry F. Hume A. A. Holcombe Frank W. Brewer Trank W. Brewer Thos. M. Perry Harry F. Hume F. M. Perry Harry F. Hume A. A. Holcombe Frank W. Brewer Thos. M. Brewer Thos. M. Bray Stephen L. Blount F. W. Hopkins W. B. Lincoln W. H. Yingst Jos. M. Turner W. H. Meadors Jno. L. Burgett Laomer West	do	101. 117.
	Louis A. Klien	do	117.
	H. D. Mayne	do	101. 117. 117.
	Arch H. Wallace	do	117.
	Jno. Forbes	do	138.
	Jno. A. Sloane	do	117.
	Unas. Pearson	do	101.
	C. L. Morin	do	126. 101.
	Jno. Callahan	do	39.
	F. M. Perry	do	39. 76.
	Harry F. Hume	do	60.
	Frank W. Brewer	do	126. 117.
	Thos. A. Bray	do	126.
	Stephen L. Blount	do	101.
	F. W. Hopkins	do	126. 117.
	W. B. Lincoln	do	117.
	Jos. M. Turner	do	101.
	W. H. Meadors	do	75. 117.

ate.	Name.	Nature of payment.	Tota
904.			
1. 6	Jos. M. Good. David C. Hanawalt A. N. Irwin. Chas. A. McCall Jos. W. Parker Theo. S. Rich Peter I. Kershner Louis Motsker	Services	\$11
	David C. Hanawalt	do	117 117 117
	A. N. Irwin	do	117
	Chas. A. McCall	do	117
	Jos. W. Parker	do	117 117 126
	Theo. S. Rich.	do	117
	Peter I. Kershner Louis Metsker Geo. E. Totten Albert Dean et al. A. G. G. Richardson et al. Henry E. Alvord N. B. Smith Jno. J. Hayes F. W. Bicknell Geo. S. Hickox et al. O. E. Dyson et al. Jas. Johnson et al. Geo. W. Pope et al. Vergil L. Brown et al. Fredk. Braginton et al. E. P. Dowd et al. F. W. Huntington et al. E. W. Huntington et al. Milber J. Murphy et al. Wilber J. Murphy et al. Albert Behnke et al. Jas. Fleming et al. Boyd Baldwin et al. E. P. Schafter et al. H. A. Hedrick et al. Geo. C. Faville et al. Nathan K. Fegley et al. Eli L. Bertram et al. Will Bertram et al. Will Dyer Remington Typewriter Co. Washington Gas Light Co. Potomae Electric Power Codo. E. G. Schafer & Co.	do	126
	Louis Metsker	do	117
	Geo. E. Totten	do	117 801 340
	Albert Dean et al	Salaries	80.
	A. G. G. Richardson et al	do	340
7	Henry E. Alvord	do	68 117 117
- 1	N. B. SHILLI	Services	11
	F W Dielmell	00	111
	Coo C Higher et al	Coloring	200
	O F Dygon of al	Salaries	250 718 9,822 2,322 347
	Jog. Johnson et al.	do.	9,84
	Coo W Popo et al	do	2,04
	Vorgil I Brown et al	do	0 92
	Fredk Broginton et al	do	2,00
	F P Dowd of al	do	10'
	F W Huntington et al	do	15'
	Wilher I. Murphy et al	do	2, 834 187 187 187 200 1, 196 1, 236 824 706
	W. H. Rose et al	do	1.19
	Albert Behnke et al.	do .	1, 23
	Jas. Fleming et al	do	82
	Boyd Baldwin et al.	do	79
	E. P. Schaffter et al	do	73
	H. A. Hedrick et al.	do	486
	Geo. C. Faville et al	do	486 294
	Nathan K. Feglev et al.	do	269
	Eli L. Bertram et al.	do	269
	W. H. Dyer.	Lumber	269
	Remington Typewriter Co	Repairs	10
	Washington Gas Light Co	Gas	40
	Potomac Electric Power Co	Current	6
	do	do	5.
	E. G. Schafer & Co	Cast iron	
	W. B. Moses & Sons	Carpet sweeper	
	Woodward & Lothrop	Stove	4
	Potomac Electric Power Codo. do. E. G. Schafer & Co. W. B. Moses & Sons Woodward & Lothrop. Mackall Bros	Vials, etc	2
	do Thos. Somerville Sons	Cotton, etc	24 38 19
	Thos. Somerville Sons.	Cast iron Carpet sweeper Stove Vials, etc Cotton, etc Valves, etc Toweling.	19
8	R. P. Clarke Co	Toweling	1:
	Lutz & Co.	Lap robe	1:
	M. Goldsenmith & Son	Badges	9
	J. Karrs sons	Clock.	
	Engagia Millon	Class	0
	Wm I Decen	Padges	8
	T C Dopus	Hay and strong	9 910
9	Poht Dorling et al	Coloring	2,21
9	Julius Hudson of al	do	70
	Rice P Steddom et al	do	2, 219 200 704 939
	Thos. Somerville Sons R. P. Clarke Co Lutz & Co M. Goldschmith & Son J. Karr's Sons Underwood Typewriter Co Francis Miller Wm. J. Baeon L. S. Depue Robt. Darling et al. Julius Huelsen et al. Julius Huelsen et al Lewis R. Baker et al M. O. Anderson et al L. K. Green et al. H. H. George et al Joshua Miller et al Henry P. Armsby et al Henry P. Armsby et al Jessey N. Neil et al. E. T. Davison et al E. T. Davison et al Levi P. Beechy et al W. B. Niles et al B. P. Wende et al J. B. Clancy et al On C. Ayer et al. W. J. Stewart et al Chas. W. Deming Jas. C. Ellis W. F. Jones Wilton F. Crewe Henry R. McNally A. W. McClure F. Parker W. H. Hurst Wm. Proudfoot.	do	3.60
	M O Anderson et al	do	3,608 187 320
	L. K. Green et al	.do	320
	H. H. George et al.	do	824 405 190
	Joshua Miller et al	do	409
	Henry P. Armshy et al	do	190
	Jas. S. Kellev et al	do	269
	Wesley N Neil et al.	do	902
	E. T. Davison et al.	do	349
	F. W. Ainsworth et al.	do	900 349 528
	Levi P. Beechy et al.	do	
	W B. Niles et al.	do	469
	B. P. Wende et al.	do	2, 12
	J. B. Clancy et al.	do	3,96
	Don C. Ayer et al	do	2, 127 3, 963 3, 990 3, 749
	W. J. Stewart et al	do	3.749
	Chas. W. Deming	Services	10.
	Jas. C. Ellis	do	10:
	W. F. Jones	do	101
	Wilton F. Crewe	do	101
	Henry R. McNally	do	101
	A. W. McClure	do	101
	F. Parker	do	101
			101 84

Date.	Name.	Nature of payment.	Tota
1904.			
in 9	F. O. Pettey A. J. Smith. Isalah Richards Morris T. Hascall David R. Hodges Thos. J. Lowery Wm. F. Pflaeging W. W. Worcester Emerson J. Cary H. H. Collins W. R. Fleming I. W. O'Rourke A. J. Pister N. L. Townsend Matthias S. Lantz Robt. H. Treacy Thos. White. Alex. E. Wight Clinton H. Bugbee H. J. Hammond W. S. Cass R. A. Ramsay Walter E. Howe Frank C. Eells E. N. Hutchinson Geo. A. Bond I Otis Lagobs	Services	\$8
	A. J. Smith	do	8
	Morris T Hessell	do	8
	David R. Hodges	do	8
	Thos. J. Lowery	do	8
	Wm. F. Pflaeging	do	8
	W. W. Worcester	do	8 8 8 11
	Emerson J. Cary	do	11
	W P Floring	do	11 11 11
	I W O'Rourke	do	. 11
	A. J. Pister	do	11 11 11
	N. L. Townsend	do	11
	Matthias S. Lantz	do	11
	Robt. H. Treacy	do	11
	Thos. White	00	11' 11' 11'
	Clinton H Bughee	do	11
	H. J. Hammond	do	11
	W. S. Cass	do	11 11 11
	R. A. Ramsay	do	11
	Walter E. Howe	do	12
	Frank C. Eells	do	12 12
	Geo. A. Bond.	do	12
	I Otic Jacobe	do	12
	J. Otis Jacobs Jno. A. Kiernan Russell G. Merrill F. P. Herron	do	12 12 12 7
	Russell G. Merrill	do	7.
	F. P. Herron	do	6
	Jno. McBirney	do	13 1,16 1,46
11	F. D. Ketchum et al.	Salaries	1,16
	Harry D. Paxson et al	00	1,40
	Harry N Walter et al	do	3 19
	C. H. Zink et al	do	1,63 3,12 53
	Geo. Ditewig et al.	do	
	Niels C. Sorensen et al	do	2,05
	F. P. Herron Jno. McBirney F. D. Ketchum et al Harry D. Paxson et al J. J. Brougham et al Harry N. Walter et al C. H. Zink et al Geo. Ditewig et al Niels C. Sorensen et al S. E. Bennett et al Chas. A. Schaufler et al Clarence Loveberry et al Jgs. Hewes	do	2,05 7,98 1,14
	Chas. A. Schaufler et al.	do	1,14
	Clarence Loveberry et al	Commisses	49
12	Jas. Hewes.  Harvard Laundry Co The Mathy Co. (Incorporated).  Woodward & Lothrop.  M. Du Perow. Z. D. Gilman Remington Typewriter Co. Clark & Davenport. E. A. de Schweinitz. U. G. Houck. Wm. E. Smith.	Service	498
	The Mathy Co. (Incorporated).	Boiler	
	Woodward & Lothrop	Desk	2
	M. Du Perow	Receptacles	
	Z. D. Gilman	Acetic acid	2:
	Clark Downwart	Paper, etc.	114
	E. A. de Schweinitz	Expanses	24
	U. G. Houck	Traveling expenses	18
14	Wm. E. Smith	do	
	U. G. Houck Wm. E. Smith Levi Wells A. D. Melvin Orlando Fling Stephen Gillett Geo. M. Rommel W. B. Niles Geo. W. Ward F. L. Russell Allen A. Holcombe W. R. Dennis Geo. S. Hickox	do	5
	A. D. Melvin	do	57
	Orlando Fling	do	4
	Goo M Rommel	0D	18 59
	W. B. Niles	do	91
	Geo. W. Ward	do	13
	F. L. Russell	do	57 57 90
	Allen A. Holcombe	do	5'
	W. R. Dennis	do	90
	Geo. S. Hickox.	do	75
	C. I. Morin	00	64
	Wm. F. Pflaeging	do	3.
	Chas. M. Day	do	37
	W. B. Lincoln	do	1
	Jens Madsen	do	
	Joshua Miller	Expenses	1
	H A Hadriolz	do	16
	Jno. R. Mohler	do	10
	H. H. George	do	90
	Louis Abel	do	20
	E. P. Schaffter	do	1
	W. R. Dennis Geo. S. Hickox Lowell Clarke C. L. Morin Wm. F. Pflaeging Chas. M. Day W. B. Lincoln Jens Madsen Joshua Miller do H. A. Hedrick Jno. R. Mohler H. H. George Louis Abel E. P. Schafter Geo. S. Hickox L. R. Baker N. C. Sorensen Fredk. Braginton	do	10 16 10 50 20 21
	L. R. Baker	do	
	Di l' Nomonom	do	12

ate.	Name.	Nature of payment.	Tot
04.	A. G. G. Richardson G. A. Johnson B. F. Van Valkenburgh W. H. Gibbs B. P. Wendedo		
. 14	A. G. G. Richardson	Expenses	
	G. A. Johnson	do	,
	B. F. Van Valkenburgh	do	
	W. H. Gibbs	do	13
	B. P. Wende	do	13
	do	do	
	Geo. Ditewig	do	1
	Clarence Levelbourn	do	
	W B Nilge	do	:
	A A Holcombe	do	:
	Geo. S. Baker	do	
	J. J. Brougham	do	:
	W. H. Rose	do	
	Chas. A. Schaufler	do	
	do	do	5
	Chas, Keane et al.	Salaries	5
	Geo. A. Johnson et al	do	9
	W H Gibbs at al	do	9.
	R. J. Blanche et al.	do	1
	F. L. De Wolf et al.	do	2
	Trajan A. Shipley et al	do	3
	Arthur B. Morse et al	do	15 22 33 15 44 30
	Geo. S. Baker et al	do	4
	O. B. Hess et al.	do	3
	W. E. Smith	Services	
	W. J. Kennedy	00	10
	Coo W Putler	do	10 10 1
	Ellen S Maybew	do	1
	W. H. Wade	dodo.	
	Roy N. Drake	do	1
	Jas. Irwin	do	1
	G. W. Ward	do	1
	D. Cumming	do	1
	Dean G. Cooper	do	1
	Jno. Van Winkle	do	
	Saran A. Ingram	do	
	W F Hill	dodo	1
	M H Croshy	do	10
	Edw. P. Schaffter.	Traveling expenses	
	Warren J. Fritz	do	1
	M. W. Lang	do	1
1	E. T. Davison	do	
	W. D. Collyer	do	
	Jas. Hewes	Chasing houses	
	Goo W Rutler	Hea horse and higgy	
	Clarence Loveberry	dodo	
	Jas. J. Brougham	do	
	American Linen Supply Co.	Service	3
	Robt. Darling	Use horse and buggy	
	F. D. Ketchum	do	1
	W. I. Young & Co	Butter	3
	Mallinckrodt Chemical Works	Potas. chlorate	
	Eimer & Amend. Yawman & Erbe Manufacturing Co. Armstrong Laundry Co. Charles Keane. McKenney & Waterbury Co. Russell G. Merrill.	Tannin Guides	
	Armstrong Loundry Co	Sarvice	
	Charles Keene	Use horse and huggy	
	McKenney & Waterbury Co	Electric light	
	Russell G. Merrill	Use horse and buggy	
	Nussen G. Merrin S. E. Bennett Old Dominion Paper Co. Miller Lock Co. L. D. Turner Jno. Post	Guides Service Use horse and buggy Electric light Use horse and buggy Use horse and saddle Memorandum books	
	Old Dominion Paper Co	Memorandum books	
	Miller Lock Co	Padlocks	
	L. D. Turner	Mare	
	Jno. Post	Uats	
	Chag A Sahauflan	Stamps	1/
	Rock & Co. Chas. A. Schaufler. Alex Hoover	Oats. Stamps. Use horse and buggy Mare Use horse and buggy.	10
	Aug C Jens	Use horse and huggy	
	Alex Hoover Aug. C. Jens. A. H. Thomas Codo. United States Envelope Co. Combe Printing Co Missouri and Kansas Telephone Co. E. T. Davison A. I. Maxwell	Flasks	
	do	Flasks. Lamps, etc	
	United States Envelope Co	Envelopes	
	Combe Printing Co.	Envelopes	
	Missouri and Kansas Telephone Co	Service. Use horse and buggy	
	TO TO TO	He horse and huggy	

Date.	Name.	Nature of payment.	Tot
1904.			
n. 14	Conrad Ploch.	Land	\$20
	Geo E Myrich	Chairs	
	Maryland Telephone and Telegraph Co	Service	1
	Maryland Telephone and Telegraph Co. City Telephone Co. New Telephone Co. Edison Electric Illuminating Co. Rocky Mountain Bell Telephone Co. A. E. Behnke. New England Telephone and Telegraph Co. The Bell Telephone Co. of Philadelphia. Chesapeake and Potomac Telephone Co. Trustees of the Milk Street Trust. do. Emma Curran, administratrix Belt R. R. and Stock Yard Co. Grand Trunk R. R. system East Buffalo Live Stock Exchange Co. The Cincinnati Union Stock Yards Co. N. Rufus Gill. Jas. Stikeman	do	0
	New Telephone Co.	Electric lights	2
	Poeky Mountain Roll Telephone Co	Sorvice	2 3
	A F Rehnke	Use horse and huggy	3
	New England Telephone and Telegraph Co	Service	1 4 1
	The Bell Telephone Co. of Philadelphia	do	4
	Chesapeake and Potomac Telephone Co	do	1
	Trustees of the Milk Street Trust	Office rent	7
	do	do	5
	Emma Curran, administratrix	do	2
	Belt R. R. and Stock Yard Co	do	3
	Foot Puffele Live Stock Evelonge Co	dodo	0
	The Cincinneti Union Stock Vards Co	do	4
	N Rufus Gill	do	9 4 3
	Jas. Stikeman	do	12
	F. Auerbach & Bros.	do	3
	T. F. Rodgers, agent	do	3 5 3
	Jas. Stikeman F. Auerbach & Bros T. F. Rodgers, agent. Bourbon Stock Yards Co	do	3
	C. Deaderich	do	3 5 13 12
	H. J. Harwood	do	10
	C. Deaderich H. J. Harwood St. Joseph Stock Yards Co Emma J. Adams et al Roy N. Drake M. T. Hascall Frank C. Eells F. Parker Marion Imes	do	10
	Roy N. Droko	Trovoling ovnongog	12
	M T Hascall	do	
	Frank C. Eells	do	
	F. Parker	do	
	Marion Imes.	do	- (
	Henry R. McNally	do	5
	F. Parker Marion Imes. Henry R. McNally N. B. Smith David R. Hodges C. H. Bugbee S. W. McClure M. S. Lantz Laomer West	do	3
	David R. Hodges	do	3
	C. H. Bugbee	do	1 1 1
	S. W. McClure	do	1
	M. S. Lantz	do	1
	Ino McRimor	do	1 10
	Ches W Daming	do	10
	W. R. Fleming	do	2
	N. L. Townsend	-do	2
	Wilber H. Hurst	do	1
	Jno. J. Hayes	do	1
	A. J. Pistor	do	3 1 12
	Wm. F. Jones	do	3
	Chas. Cowie	do	10
	W & Goodhyo	Omce rent	5
	Jno E Blackwell	Hea horse and huggy	3
	Edw. A. McDonald	Services	12
	Jas. W. Davis.	do	7
	Rice P. Steddom	Expenses	
	T. A. Shipley	do	
	Don C. Ayer	do	
	A. E. Bchnke	do	3,33
15 16	E. Van Winkle	Purchase of land	3,33
10	O. E. Dyson	Use of horse	2
	Sunset Telephone and Telegraph Co	Service	10
	Ino F Doodman	00	16
	Orlando Fling	do	1
	Toole A. Geddes	do	21
	W. H. Wrav	do	38
	Harry N. Waller	Expenses	1
	Fred J. Goebel	do	
	C. H. Bugbee S. W. McClure M. S. Lantz Laomer West Jno. McBirney Chas. W. Deming W. R. Fleming N. L. Townsend Wilber H. Hurst Jno. J. Hayes A. J. Pistor Wm. F. Jones Chas. Cowie Jno. S. Martin & Co W. S. Goodhue Jno. F. Blackwell Edw. A. McDonald Jas. W. Davis Rice P. Steddom T. A. Shipley Don C. Ayer A. E. Bchnke E. Van Winkle O. E. Dyson Sunset Telephone and Telegraph Co J. F. Ryder Jno. F. Deadman Orlando Fling Tooie A. Geddes W. H. Wray Harry N. Waller Fred J. Goebel H. D. Paxson W. H. Wray Julius Huelsen .do Hiram Jerome Geo. C. Faville J. F. Ryder R. A. Ramsay E. L. Volgenau Frank W. Brewer Jno. V. Laddey L. J. Allen	do	4
	W. H. Wray	do	2:
	Julius Huelsen	do	
	do	do	16 21 38 13 44 22
	Hiram Jerome.	do	1. 30
	Geo. C. Faville	do	1.
	P A Parson	Traveling expenses	30
	F. I. Volgonou	00	9
	Frank W Brower	do	55
		UD	96

Date.	Name.	Nature of payment.	Tot
1904.	Wm. F. Hiatt. Benj. Howes. W. N. D. Bird. Samuel Somerville, jr. Albert Dean. Thos. W. Scott. Thos. W. Scott. Thos. A. Bray. Wm. C. Wootton. Chas. Pearson. Louis A. Klein. Geo. Jerome. E. N. Hutchinson. O. B. Hess. Louis Metsker. Geo. E. Totten. Geo. S. Baker. Isaiah Richards. W. H. Wray. Geo. W. Browing. Wm. L. Hiatt. Wilton F. Crewe. C. A. Clawson. Theo. S. Rich. Jas. W. Parker. Jno. L. Burgett.		
an. 16	Wm. F. Hiatt	Traveling expenses	\$
	Benj. Howes	do	
	W. N. D. Bird	do	
	Samuel Somerville, jr	00	
	Thos W Scott	do	
	Thos A Bray	do	
	Wm. C. Wootton	do	
	Chas. Pearson.	do	Į
	Louis A. Klein	do	
	Geo. Jerome	do	
	E. N. Hutchinson	do	
	O. B. Hess	do	]
	Louis Metsker	do	1
	Coo C Dalson	00	
	Issiah Richards	do	1
	W H Wrov	do	4
	Geo. W. Browing	- do	4
	Wm. L. Hiatt	do	é
	Wilton F. Crewe	do	22
	C. A. Clawson	do	5
	Theo. S. Rich	do	
	Jas. W. Parker	do	
	Jno. L. Burgett	do	
	Theo. S. Rich Jas. W. Parker Jno. L. Burgett F. M. Perry Geo. C. Moser Western L. Johnson H. J. Hammond do. H. H. Collins	do	
	Western I Tohnson	do	1
	H I Hammond	do	-
	do	do	7
	H. H. Collins	do	9
	E. J. Foreman	do	11 6
	A. N. Irwin	do	1
	E. J. Foreman A. N. Irwin Wm. D. Jorden	do	$\epsilon$
	Marion Imes	do	ξ
	Walter E. Howe	do	- 6
	Dan McCunningnam	do	4
	Wm. M. MacKellar	do	2
	P F Von Vollrenbungh	dodo	1
	H D Mayna	do	2
	W. R. Dennis	do	12
	Peter I. Kershner	do	3
	Arch H. Wallace	do	3 1
18	Geo. W. Pope.	do	
	Kansas City Stock Yards Co	Office rent	6
	do	do	4
	Neur York and May Jargay Walanhana Ca	Service	- 1
	Missouri and Kanasa Tolophone Co	do	2
1	Chicago Telephone Co	do	4
	d0	do	
	Wm. E. Pratt	Hog rings.	3
	A. N. Irwin Wm. D. Jorden Marion Imes. Walter E. Howe Dan McCunningham Wm. M. MacKellar Wm. I. Hiatt. B. F. Van Valkenburgh H. D. Mayne W. R. Dennis Peter I. Kershner Arch H. Wallace. Geo. W. Pope Kansas City Stock Yards Co do Nebraska Telephone Co. Nebraska Telephone Co. New York and New Jersey Telephone Co. Missouri and Kansas Telephone Co. Wm. E. Pratt. Queen & Co. (Incorporated) Barber & Ross. Delano & Moore. Z. D. Gilman do. W B. Moses & Sons	Paraffine	
	Barber & Ross	Tacks	1 2
	Delano & Moore	Plates, etc	1
	Z. D. Gilman  do  W. B. Moses & Sons  American Ice Co.  Church & Stephenson  D. J. Kaulman  Littlefield, Alvord & Co.  Geo. F. Muth & Co.  Rudolph, West & Co.  Transit House Stores  Glynn & Smith	Tubing, etc	2
	do	do. Chair, etc.	
	W. B. Moses & Sons	Unair, etc	1
	Church & Stophongon	IceLumber	1 5
	D I Waufman	Coats	U
	Littlefield, Alvord & Co	Coats Transportation	
	Geo. F. Muth & Co.	Ink. Handles, etc.	
1	Rudolph, West & Co.	Handles, etc	
	Transit House Stores	Coal	1
	Glynn & Smith	Transportation	1
	Don C. Ayer	Use of horse	1
	Jas. W. Davis.	Use of horse and buggy	1
	Transit House Stores Glym & Smith Don C. Ayer. Jas. W. Davis. Frontier Towel Supply Co. Bay State Clean Towel Co. South St. Joseph Coal Co. Hibbard, Spencer, Bartlett & Co. J. R. Stafford Silver Laundry and Towel Co. Cutler & Neilson Paint and Color Co. S. W. Burt. Henry Lehman & Sons. Yawman & Erbe Manufacturing Co.	Service	ī
	South St. Togoth Coal Co.	Tan	
	Hibbard Spencer Bartlett & Co	Clinners	
	J. R. Stafford	Use horse and wagon	1
	Silver Laundry and Towel Co	Service	·
	Cutler & Neilson Paint and Color Co.	Paint	
	C W Dunt	Use of horse	2
	D. W. Dult		3

Date	Name.	Nature of payment.	Total.
1904.			
an. 18	Mallinckrodt Chemical Works	Salts	\$1.45
	Mallinckrodt Chemical Works Union Envelope Co. United States Envelope Co. Geo. E. Howard  do Union Stock Yards and Transit Co. Gahan & Byrne. W. S. Cass. New England Telephone and Telegraph Co. do	Envelopes	15. 40 13. 60 3, 250. 00 567. 65
	United States Envelope Co	do	13.60
	Geo. E. Howard.	. Labels	3, 250.00
	do	do	567.65
19	Union Stock Yards and Transit Co	. Office rent	375.00
	Gahan & Byrne	do	375.00 675.00 34.00
	W. S. Cass	Use norse and buggy	34.00
	New England Telephone and Telegraph Co	Service	3.00
	do	do do Ink Use horse and buggydo Service Butter Use horse and saddle	3. 56 52. 50 6. 00
	F D Durman	Inle	6.00
	W D Jordon	Hee horse and huggy	75.00
	Thos A Bray	do	75.00
	Weehawken Stock Yards	Service	10.65
	Hampton Cooperative Creamery Association	Butter	2, 60
	Louis A. Klein	Use horse and saddle	2.60 75.00
	Jno. Furbush	Corn	35, 00
	Stockvards Hardware and Paint Co	Pliers	3.20
	H. W. Hawley	Use horse and buggy	3. 20 32. 00
	Rockwell-Barns Co	Pads, etc	4.25
	The Consumers Co	Ice	24. 85
	do do do do Directory F. P. Burnap W. D. Jordan Thos. A. Bray Weehawken Stock Yards Hampton Cooperative Creamery Association Louis A. Klein Jno. Furbush Stockyards Hardware and Paint Co H. W. Hawley Rockwell-Barns Co The Consumers Co do Mendenhall Transportation Co Jno. C. Lorenzen	Water	1.50 12.00
	Mendenhall Transportation Co	Storage	12.00
	do	do	3.45
	Jno. C Lorenzen	Use norse and wagon	35. 10
	Case E Francis	Service	74.10 45.00
	W C Cocc	Traveling expenses	58.90
	Puscell G Morrill	do do	10 27
	Ino A Sloan	do	19. 37 3. 90 3. 60
	Ino P O'Leary	do	3 60
	Orlando Fling	do	3.50
	Rice P. Steddom	do	2, 95
	Robt, H. Treacy	do	2, 95 29, 95
	Chas, W. Pagle, ir.	do	3.15
	L. A. Robinson	do	7.35
	Geo. W. Knorr	do	8.40
	Boyd Baldwin	Expenses	4.02
	L. K. Green	do	5.90
	N. K. Fegley	do	7. 60 24. 90 8. 82 8. 77
	U. E. Dyson.	do	24.90
	E. T. Davison.	00	8.82
20	Wm Proudfoot	Traveling expenses	74. 80
20	Ino R Mobler	do	21 67
	E. C. Schroeder	Expenses	31.67 6.40
	F. L. Russell	Services	96.00
25	Herman R. Ryder.	Traveling expenses	2. 20 56. 95 17. 65
	E. A. McDonald	do	56, 95
	F. D. Ketchum	do	17.65
	Rice P. Steddom	Expenses	15.07
	J. B. Clancy	do	10.90
	do	do	16. 00 8. 75 7. 85
	G. F. D	do	8. 75
	Weehawken Stock Yards Hampton Cooperative Creamery Association Louis A. Klein Jno. Furbush Stockyards Hardware and Paint Co H. W. Hawley Rockwell-Barns Co The Consumers Codo	Adventising	7.85
	Ct. Louis National Ctash Vands	Advertising	2,01
	Now Vork Tolophone Co	Corried	50.00
	Panneylyania D. D. Co	Paggongor transportation	28. 20
	do	do	41.75 17.00
	Chicago, Burlington and Quincy Rwy, Co.	do	34. 51
	Terre Haute and Indianapolis R. R. Co	do	14, 80
	New York Central and Hudson River R. R.	do	14.80 23.50
	Co.	1	
	Baltimore and Ohio R. R. Co	do	77.33
	The Missouri Pacific Rwy. Co	do	22.50
	Burlington and Missouri River R. R. Co	do	21.50
	St. Louis and San Francisco R. R. Co	do	21.50 28.65 8.50
	The Colorado and Southern Rwy. Co	do	8.50
	Co. Baltimore and Ohio R. R. Co. The Missouri Pacific Rwy. Co. Burlington and Missouri River R. R. Co. St. Louis and San Francisco R. R. Co. The Colorado and Southern Rwy. Co. Union Pacific R. R. Co. Northern Pacific R. R. Co. New York, New Haven and Hartford R. R. Co.	do	51.00 5.90 34.93
	Norm York Norm Hover and Hartford D. D.	do	5, 90
	Co. New Haven and Hartford R. R.	,do	34.93
	Louisville and Nashville B. P. Co	do	6 20
	Louisville and Nashville R. R. Co	do	6.30 18.00
	Rwy. Co.	dV	10.00
	d0	do	15.70
	do	do	30. 15
			50. 20

Date.	Name.	Nature of payment.	Total.
1904.	(		
an. 25	Oregon Short Line R. R. Codo. Denver and Rio Grande R. R. Co The Wabash R. R. Co Library Bureau. Mallinckrodt Chemical Co Eimer & Amend.	Passenger transportation	\$16.
	do	do	\$16. 42.
	Denver and Rio Grande R. R. Co	do	15.
26	Library Rureau	Guides	23. 9.
20	Mallinckrodt Chemical Co.	Potassium acetate	3.
	Eimer & Amend	Sodium sulphate	22
	E.H. Crane. E. J. Brooks & Co. Fowler Manufacturing Co. Adams Express Co. Chas. R. Edmonston. Louis Hartig.	Sash. Presses Towel service Transportation	6. 12.
	E. J. Brooks & Co.	Presses	12.
	Adams Express Co	Transportation	5. 49.
	Chas. R. Edmonston	Tubes	8.
	Louis Hartig	Tubes	3.
	D. Frank Parker	Paper	21.
	W. H. Dyer.	Wire	3.
	D. Frank Parker W. H. Dyer R. P. Andrews & Co. Geo. E. Howard	Wire Envelopes Boxes	112
	I Raumgartan & Sone	Stencil	112
	J. Baumgarten & Sons. Pittsburg Union Stock Yards. Fredk. W. Ainsworth. Albert Dean.	Rent	60
	Fredk. W. Ainsworth.	Rent Expenses	1
	Albert Dean	Services.	6
	W. D. McArthur	Services	120
	The Bell Telephone Co. of Bullalo	do	18 31
	Ino. Forbes	Traveling expenses	38
	C. O. Durffee	do.	3
27	Albert Dean. W. D. McArthur The Bell Telephone Co. of Buffalo. The New York and New Jersey Telephone Co. Jno. Forbes C. O. Durffee F. O. Pettey do. Isaac W. O'Rourke	do	3 20 13
	do	do	13
	Isaac W. O'Rourke	do	21 60
	Isaac W. O'ROURKE. J. Otis Jacobs. Hugh M. Rowe. Jno. W. Brown. The Sioux City Stock Yards Co. Walter E. Howe. Thos. Somerville & Sons	do	49
	Jno. W. Brown	do	6
	The Sioux City Stock Yards Co	Rent	60
	Walter E. Howe	Service	7
	Thos. Somerville & Sons	Plates, etc.	4
			1
	M. Du Perow Jas. B. Lambie & Co Edw. S. Schmid	Steel etc	1
	Edw. S. Schmid	Steel, etc	1
	Wm. Lochte. Potomac Electric Power Co		15
	Potomac Electric Power Co	Lamps	1
	do	Current	59 1
28	Thos. J. Lowry. Geo. A. Bond. Alex. E. Wight. Thos. White. Jno. A. Kiernan	Lamps. Current Lamps Traveling expenses	10
	Geo. A. Bond	do	22 34 13
	Alex. E. Wight	do	34
	Thos. White.	do	13
29	Jno. A. Kiernan. Bausch & Lomb Optical Co Queen & Co. Incorporation. Henry Heil Chemical Co	Clides etc	35
20	Oneen & Co. Incorporation	Slides, etc Alcohol Vaseline, etc	34
	Henry Heil Chemical Co	Vaseline, etc.	
	Richard J. Blanche	Expenses Traveling expenses Service	
	W. H. Meadors	Traveling expenses	15
30	Leroy Scribner	Service	6 269
31 eb. 2	Richard J. Blanche. W. H. Meadors Leroy Scribner Marion Dorset et al Geo. M. Whitaker Levi Wells Ed. H. Webster. B. F. Van Valkenburgh Merrill W. Lang. W. D. Collyer. Jas. F. Hughs E. A. de Schweinitz Jas E. Ellis Barber & Ross. Dulin & Martin Co. M. Du Perow.	Services	15 85 6,362 127 153
	Levi Wells	do	153
	Ed. H. Webster	do	
	B. F. Van Valkenburgh	do	153 153 153
	Merrill W. Lang	do	153
	W. D. Collyer	Traveling avenues	103
	E A de Schweinitz	do	16 36
	Jas. E. Ellis	do	36
3	Barber & Ross	Shears	.5
	Dulin & Martin Co.	Jar, etc	1
	M. Du Perow.	Jar, etc. Batteries. Transportation	1
	Ine Geo. W. Knox Express Co	Brooms	6
	McCauley & McGill	Gas	2
	Dulin & Martin Co M. Du Perow The Geo. W. Knox Express Co. Jas. B. Lambie Co McCauley & McGill E. Morrison Paper Co. Washington Gas Light Co. Warren M. Whyte F. W. Hopkins Thos. A. Bray. Leslie J. Allen. Frank W. Brewer. Geo. W. Browning Jos. M. Good	Parchment	2
	Washington Gas Light Co	Gas	44
	Warren M. Whyte	Pans.	17
	Thos A Bray	Service	127
	Leslie J. Allen	do	127 127 127
	Frank W. Brewer	do	119
	Geo W Browning	do	119 119

е.	Name.	Nature of payment.	To
3	David C. Hanawalt Louis A. Klein W. B. Lincoln W. MacKellar Jno. A. Sloan A. H. Wallace Stephen L. Blount Jno. L. Burgett W. L. Hlatt Marion Imes. Wm. D. Jorden	Service	9
	W R Lincoln	do	
	Wm. M. MacKellar	do	
	Jno. A. Sloan	do	
- 4	A. H. Wallace	do	
	Stephen L. Blount	do	
- 4	Jno. L. Burgett	do	
	Marion Imes	do	
	Wm. D. Jorden Dan. McCunningham Walter H. Yingst Jos. M. Turner	do	
	Dan. McCunningham	do	
	Walter H. Yingst	do	
	Jos. M. Turner	do	
	Julius Huelsen et al	Salaries	
	Edw. P. Schaffter et al.	do	
	Boyd Baldwin et al	do	
	Geo. Ditewig et al	do	1, 1,
	A. E. Bennke et al.	do	1,
	Albert Dean et al	do	
	Geo. W. Pope et al	do	
	Water H. 1 migst Jos. M. Turner H. D. Mayne Julius Huelsen et al Edw. P. Schaffter et al Boyd Baldwin et al Geo. Ditewig et al A. E. Behnke et al H. A. Hedrick et al Albert Dean et al Geo. W. Pope et al W. H. Rose et al W. H. Rose et al A. G. G. Richardson et al Geo. C. Faville et al Nathan K. Fegley et al Fredk. Braginton et al E. P. Dowd et al L. R. Baker et al F. L. De Wolf et al F. W. Huntington et al Chas. A. Schaufler et al Saml. E. Bennett et al Joshua Miller et al	do	1,
	A. G. G. Richardson et al	do	
	Geo. C. Faville et al.	do	
	Fredk Braginton et al	do	
	E. P. Dowd et al.	do	
4	L. R. Baker et al.	do	3,
	Richd. J. Blanche et al.	do	
	F. L. De Wolf et al.	do	
	Chas A Schouffer et al	do	1,
	Saml, E. Bennett et al	do	8.
	Joshua Miller et al	do	0,
	W. N. Neil et al.	do	
	W. B. Niles et al.	do	
	Thos. W. Scott et al	do	
	Geo. H. Woolfolk	Services	
- 1	C. L. Morin	do.	
_	Saml. E. Bennett et al. Joshua Miller et al. W. N. Neil et al. W. B. Niles et al. Thos. W. Scott et al. U. G. Houck et al. Geo. H. Woolfolk C. L. Morin. Jno. Forbes Jno. A. Bell. Geo. W. Butler D. Cumming. F. M. Perry	do	
5	Jno. A. Bell	do	
	D Cumming	do	
	F. M. Perry	do	
	G. W. Ward.	do	
	Wm. H. Wade	do	
	F. W. Ainsworth et al.	Salaries	
	Iss I Broughem et al	do	1, 3,
	J. B. Clancy et al	.do	3.
	H. H. George et al	do	0,
	L. K. Greene et al.	do	0,
	W. J. Murphy et al.	do	
	H O Thompson et al	do	9
	H. N. Waller et al	do	3,
	B. P. Wende et al.	do	2, 3, 2,
6	F. W. Bicknell	Services	1
	Harry F. Hume.	do	
	H. D. Mayne.	do	
	W. L. Niel	Expenses	
	do	do	
	B. F. Van Valkenburgh	do	
	Boyd Baldwin	do	
	C. W. Word	Travaling avrances	
	Clarence B. Lane	do	
	Geo. W. Butler D. Cumming. F. M. Perry. G. W. Ward Wm. H. Wade. F. W. Ainsworth et al. Henry B. Armsby et al. Jas. J. Brougham et al. J. B. Clancy et al. H. H. George et al. L. K. Greene et al. W. J. Murphy et al. Rice P. Steddom et al. H. Q. Thompson et al. H. N. Waller et al. B. P. Wende et al. F. W. Bicknell. Harry F. Hume. H. D. Mayne. Wm. E. Smith. W. L. Niel. do. B. F. Van Valkenburgh Boyd Baldwin. E. C. Schroeder G. W. Ward Clarence B. Lane C. L. Morin Chas. Cowie. Geo. M. Rommel Jas. Fleming et al. Chas. Keane et al. Eli L. Bertram et al. Chas. K. Keane et al. Jas. S. Kelly et al. Don. C. Ayer et al.	do	
	Chas. Cowie	do	
0	Geo. M. Rommel	do	
8	Ches Koope et al	Salaries	
	Eli L. Bertram et al	do	
	Chas. H. Zink et al	do	
	Table Of TV-11 and 1	do	4,

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

ate.	Name.	Nature of payment.	Total
904.			
. 8	W. H. Gibbs et al. T. A. Shipley et al. Geo. A. Johnson et al. A. B. Morse et al. Niels C. Sorensen et al. F. D. Ketchum et al. M. O. Anderson et al. Clarence Loveberry et al. Vergil L. Brown et al. Walter J. Stewart et al. O. E. Dyson et al. A. J. Payne. Jas. Hewes. Jas. Irwin. Jas. W. Davis.	Salaries	\$163
	T. A. Shipley et al	do	342
	Geo. A. Johnson et al.	do	982
	A. B. Morse et al.	do	342 982 189 2,079 1,176 189
	Niels C. Sorensen et al	00	2,079
	M. O. Anderson et al.	do	1,170
	Clarence Lovebarry et al	do	505
	Vergil L. Brown et al	do	505 2,936 4,923 10,210
	Walter J. Stewart et al.	do	4,923
	O. E. Dyson et al.	do	10,210
	A. J. Payne.	Services	61 90 85
	Jas. Hewes	do	90
	Jas. Irwin	do	85
	Jas. W. Davis.	do	76
	The Chesapeake and Potomac Telephone Co.	Service	15
	Jas. Irwin Jas. W. Davis. The Chesapeake and Potomac Telephone Codo. The Real Estate and Improvement Co. Robt. Darling et al. O. B. Hess et al. Harry D. Paxson et al. Geo. S. Baker et al. Levi P. Beechy et al. Jas. Hewes.	Rent of land	110 56
9	Roht. Darling et al	Salaries	204
Ü	O. B. Hess et al	do	422
	Harry D. Paxson et al.	do	1,573
	Geo. S. Baker et al	do	422 1,573 427
	Levi P. Beechy et al	do	949
	Jas. Hewes	Traveling expenses	949 47 11
	Jas. Hewes. E. A. de Schweinitz. W. E. Hill	do Traveling expenses Expenses Services	11
	W. E. Hill.	Services	102
	W. E. Hill Chas. Cowie Geo. E. Howard do. J. D. Gilman do Mackall Bros Harvard Laundry Co Geo. N. Saegmuller Potomac Electric Power Co National Electric Supply Co Geo. F. Muth & Co C. A. Muddiman & Co W. B. Moses & Sons	do	88 528 3,250
	do. E. Howard	Stamps Labels Tubing, etc	3 250
	Z. D. Gilman	Tubing, etc	2,200
	do	Gloves	10
	Mackall Bros	Filters.	72 6
	Harvard Laundry Co	Towel service	6
	Geo. N. Saegmuller	Gloves. Filters. Towel service. Repairing transit	9
	Potomac Electric Power Co	Electric current	68
	National Electric Supply Co	Flexible stem and base	1
	Geo. F. Muth & Co	Oil, etc	14
	U. A. Muddiman & Co	Damps	1 27
	T T amount T alohata	Chasing hamass	27
	W. B. Moses & Sons. L. Leroy Lochte. Leidy S. Depue.	Lamps. Repairing chairs. Shoeing horses. Straw	402
	dodo	Bran, etc.	228
	Underwood Typewriter Co	Cushions	1 43
	Washington Gaslight Co	Gas	43
11	Geo. S. Baker	Traveling expenses	7
	W. D. Collyer	do	146 15 16
	Chas. M. Day	do	15
	W. E. Hill	do	10
	W D Miles	do	10
	Ino A Stauffor	do	10
	B. F. Van Valkenburgh	do	10 10 16
	Leidy S. Depue do do Underwood Typewriter Co Washington Gaslight Co Geo. S. Baker W. D. Collyer Chas. M. Day W. E. Hill Isaac N. Krowl W. B. Niles Jno. A. Stauffer B. F. Van Valkenburgh Geo. M. Whitaker Henry E. Alvord Clarence Loveberry Tooic A. Geddes Thos. W. Scott W. H. Rose W. B. Niles Clarence Loveberry Julius Huelsen H. H. George	do	184
	Henry E. Alvord	do	80 50 212
	Clarence Loveberry	Use horse and buggy	50
	Tooie A. Geddes	Services	212
	Thos. W. Scott.	Expenses	12 13
	W. H. Rose	do	12
	W. B. Niles	do	12
	Clarence Loveberry	00	12
	Julius Huelsen	do	11
12	Gao W Pone	do	11 18
12	I. P. Roosa	do	1
	Geo. W. Pope	Traveling expenses	
	Jos. M. Good	do:	12
	M. W. Lang	do	184
	W. S. Goodhue	Office rent	50
	St. Louis National Stock Yards	do	50 7 48
	Quackenbush & Sons	V1Se	7
	R. J. O'Brien & Bros. Co	Bran, etc	48
	Julius Huelsen H. H. George Geo. W. Pope I. P. Roosa Geo. W. Pope Jos. M. Good M. W. Lang W. S. Goodhue St. Louis National Stock Yards Quackenbush & Sons R. J. O'Brien & Bros. Co O. E. Dyson Edison Electric Illuminating Co Eberhard Faber do	Use saddle norse	25 3 40
	Edison Electric muminating Co	Eregora ata	40
	Loernard Faber	Use saddle norse. Service. Erasers, etc. Bands, etc. Use horse and buggy. Use horse and wagon. Chickens.	50
	Ebernard Faber do Geo. E. Francis J. R. Stafford H. C. Niles New York Telephone Co	Use horse and buggy	50 45
	J. R. Stafford	Use horse and wagon	10
	H. C. Niles	Chickens	5
		Services	30

Date.	Name.	Nature of payment.	Total.
1904.			
eb. 12	Robt. Darling Jas. W. Davis S. W. Burt Bellevue Chemical Co F. P. Burnap Stationery and Printing Co. S. E. Bennett A. E. Behnke Brookline Gaslight Co Hooper, Lewis & Co Chas. Hubingerdo Jowa Telephone Co Chas. Keane Robt. Keith Furniture and Cabinet Co. Mallinekrodt Chemical Co.	Use horse and buggy	\$25.00
	Jas. W. Davis	do	18.00 25.00
	S. W. Burt	Bloodstein	2.40
	F. P. Burnap Stationery and Printing Co	Desk, etc.	74.45
Į.	S. E. Bennett	Use saddle horse	28.00
	A. E. Behnke.	Use horse, etc	35.00
	Brookline Gaslight Co	Dagard book	.80 2.00 7.73 16.51
	Chas Hubinger	Gasoline	7 73
	do	Saw, etc.	16.51
	Iowa Telephone Co	Service	12.00 25.00
	Chas. Keane	Use horse, etc	25.00
	Mallingkrood Chemical Co	Potossium agotato	22. 50 . 56
	do	Zinc	. 75
	Jno. C. Lorenzen A. M. Lyman Chas. Lentz & Son	Use horse, etc. Butter. Sharpening knives.	33, 75
	A. M. Lyman	Butter	11. 02 2. 75
	Chas. Lentz & Son.	Sharpening knives	2.75
	F. D. Ketchum	Use horse, etcdoShades	25. 00 15. 00
	J. H. Bunnell & Co.	Shades	4. 10
	Jas. J. Brougham	Use horse, etc	40.00
	F. D. Ketenum  Don C. Ayer.  J. H. Bunnell & Co.  Jas. J. Brougham  Geo. W. Butler  Hiram W. Hawley  W. I. Young & Co.  Whitall Tatum Co.  Lewis Keiser	do	30.00
	Hiram W. Hawley	Destton	32.00
	Whitall Tatum Co	Tors	681.93 5.78
- 13	Whitali Tatum Co Lewis Keiser Jno. S. Buckley. Levi Wells. A. D. Melvin Baltimore and Ohio R. R. Co. The Chicago, Burlington and Quincy R. R. Co. do. Cincinnati, New Orleans and Texas Pacific Rwy Co.	Hogs.	200.00
15	Jno. S. Buckley	Traveling expenses	14.20
	Levi Wells	do	163, 61
17	A. D. Melvin	Paggangar transparents tion	109. 10
17	The Chicago Burlington and Quincy R R Co.	do	21 79
	do.	do	17. 35
	Cincinnati, New Orleans and Texas Pacific	,do	61. 50 21. 79 17. 35 20. 45
	Rwy. Co.	3-	7 00
	Chicago, Burlington and Quincy R. R. Co	do	1.86 2.10
	do	do	2.57
	Jno. C. Massie	Traveling expenses	39.00
	E. A. McDonald	Services	96.00 23.98
	Thos A Prov	Traveling expenses	23. 98 19. 90
	Louis A. Klein	do	25 55
	Geo. W. Browning	do	25. 55 23. 04 40. 71
	Jno. L. Burgett.	do	40.71
18	L. J. Allen	do	29, 55
18	do	do do	21.75 17.50
	RWY. CO. Chicago, Burlington and Quincy R. R. Co. do. do. Jno. C. Massie. E. A. McDonald Arch. H. Wallace. Thos. A. Bray. Louis A. Klein Geo. W. Browning Jno. L. Burgett. L. J. Allen. Pennsylvania Co. do. Chicago, Rock Island and Pacific Rwy. Co. Chicago, Milwaukee and St. Paul Rwy. Co. do. do. Chicago, Rock Island and Pacific Rwy Co. do. do. Chicago, Rock Island and Pacific Rwy Co. New York Central and Hudson River R. R. Co. Burlington and Missouri River R. R. Burlington and Missouri River R. R.	do	21.75 17.50 41.12
	Chicago, Milwaukee and St. Paul Rwy. Co	do	58.00
	do	do	9.70
	Chicago, Rock Island and Pacine Rwy Co	do	39.04
	Chicago and Northwestern Rwy, Co	do	9, 65 68, 22
	New York Central and Hudson River R.R.	do	29.50
	Co.		
	Burlington and Missouri River R. R. The Atchison, Topeka and Santa Fe Rwy. Co. Chicago, Indianapolis and Louisville Rwy. Co Illinois Central R. R. Co. The Lake Shore and Michigan Southern Rwy.	do	12,00
	Chicago, Indianapolis and Louisville Rwy Co.	do	6.15
	Illinois Central R. R. Co.	do	8.00 12.75
	The Lake Shore and Michigan Southern Rwy.	do	30.00
			10.55
	Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.	d0	10.55
	The Pullman Co	do	21.50
	Union Pacific R. R. Co	do	51.50
	Terre Haute and Indianapolis R. R. Co	do	30.80
	Michigan Control P. P. Co	Transpartation	15.95
	Metropolitan Steamship Co	do.	.51
	Philadelphia and Reading Rwy	do	.75
	Pennsylvania R. R. Co	do	.71
	do	do	. 51
	Chicago, Rock Island and Pacific Rwy. Co	do	10.13
	Rwy. Čó. The Pullman Co Union Pacific R. R. Co Terre Haute and Indianapolis R. R. Co Southern Rwy. Co Michigan Central R. R. Co Metropolitan Steamship Co Philadelphia and Reading Rwy Pennsylvania R. R. Co do Chicago, Rock Island and Pacific Rwy. Co do Grand Trunk Rwy. of Canada. Erie R. R. Co Boston and Maine R. R. Co	do	5. 01 . 88
	Erie R. R. Co.	do	.84
	Boston and Maine R. R. Co	dodo	. 25

ate.	Name.	Nature of payment.	Total.
904.			
. 18	Burlington and Missouri River R. R The Atchison, Topeka and Santa Fe Rwy. Co J. H. Brigham Frank W. Brewer Tooie A. Geddes do Wm. L. Hiatt Marion Imes Howard C. Johnson Jas. Johnston do Wm. D. Jorden E. A. McDonald Wm. MacKellar Jno. A. Sloan	Transportation	\$7.
	The Atchison, Topeka and Santa Fe Rwy. Co.	The valing	• 3.
19	J. H. Brignam.	Traveling expenses	30.
10	Toole A. Geddes	do	83. 165.
	do	do	31
	Wm. L. Hiatt	do	31 64
	Marion Imes	do	114
	Howard C. Johnson	do	7
	do	do	1 14
	Wm. D. Jorden	do	57
	E. A. McDonald	do	58 64 4
	Wm. MacKellar	do	64
	Jno. A. Sloan.	do	34
	Ed. H. Webster W. H. Wray do	do	20
	do	Services	387
	las lohnston	do	127
	Orlando Fling	do	10
	Orlando Fling W. H. Wray Rice P. Steddom	Expenses	2 17
20	H. D. Payson	do	25
20	H. D. Paxson Phipps, Gibson & Co. Dan McCunningham. Mallinekrodt Chemical Works	Office rent. Traveling expenses Potassium acetate	51
23	Dan McCunningham	Traveling expenses	103
	Mallinckrodt Chemical Works	Potassium acetate	1
	do. W. J. Crawford The Cutter Electric Manufacturing Co	Services	8
	The Cutter Electric Manufacturing Co	Slate	24
	The Cutter Electric Manufacturing Co. E. J. Brooks & Co. F. P. Burnap Stationery and Printing Co. J. R. M. Adams. Whitall, Tatum Co. Jno. Underwood & Co. Trustees of the Milk Street Trust.	Seals.	5
	F. P. Burnap Stationery and Printing Co	Desks, etc	97
	J. R. M. Adams	Tape. Asbestos.	2
	Whitail, Tatum Co	Asbestos	1
	Trustees of the Milk Street Trust	Office rent	75 75
	W. E. Pratt.	Hog rings	109
	T. M. Michaels	Hog rings Cabinet	32
	Trustees of the Milk Street Trust. W. E. Pratt. T. M. Michaels. Rockwell, Barnes Co. Queen & Co. (incorporated) American Ice Co. Geo. E. Bedell. Church & Stephenson Keasbey & Mattison Co. Lutz & Co. E. Morrison Paper Co. Rudolph, West & Co. do.	Blotters	1
24	Queen & Co. (Incorporated)	Glass	16
24	Geo. E. Bedell	Ice. Repairing chairs	18
	Church & Stephenson	Lumber	20
	Keasbey & Mattison Co	do	1
	Lutz & Co	Whips Cardboard	4
	Rudolph Wost & Co	Brads, etc	3 24
	do	do	2
	The Geo. W. Knox Express Co	Transportation	1
27	Mudolin, West & Co.  do.  The Geo. W. Knox Express Co. Postal Telegraph Cable Co. Western Union Telegraph Co. E. A. de Schweinitz et al. W. H. Baldwin. Ch. Wardell Stiles Clarence B. Lane.	Service	20
29	Western Union Telegraph Co	Coloring	6,216
r. 29	W. H. Baldwin	Traveling expenses	5
-	Ch. Wardell Stiles	do	4
	Clarence B. Lane .	do	7
	U. G. Houck	do,	80 53
	M. W. Lang	Sorrigon	95
	Ed. H. Webster	do	159
	B. F. Van Valkenburgh	do	143
	Levi Wells	do	143
	Geo. M. Whitaker	do	119 143
	M W Lang	do	143
	Thos. W. Scott	Expenses	5
	Ed. H. Webster	do	13
	Jas. S. Kelly	do	13
	Clarence B. Lane U. G. Houck M. W. Lang H. D. Mayne Ed. H. Webster B. F. Van Valkenburgh Levi Wells Geo. M. Whitaker W. D. Collyer M. W. Lang Thos. W. Scott Ed. H. Webster Jas. S. Kellydo E. L. Bertram	do	
	W. S. Goodhue	Office rent	50
3	Geo. C. Faville et al	Salaries	278 688
	Geo. C. Faville et al Julius Huelsen et al	do	688
	W. H. Rose et al.	do	1,175
	W. H. Rose et al. H. A. Hedrick et al. W. J. Kennedy U. G. Houck	Sorving	467
	U. G. Houek	do	143
	J. Geo. Smith E. G. Schafer & Co. Leo. Baum. Leidy S. Depue	Penholders, etc.	50
	E. G. Schafer & Co.	Caps. Photos.	
			10

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 3	Delano & Moore	Seed plates	\$14.66 13.01 7.01
	Z. D. Gilman	Zinc sulphate, etc	13.01
	do	Needles, etc	3, 250, 00
4	do. do. Geo. E. Howard. H. Hiel Chemical Co. H. A. Hedrick	Needles, etc. Labels. Alcohol Use horse, etc.	10.50
-	H. A. Hedrick	Use horse, etc.	12.00
	Gaylord Bros.	Paper	.50 3.27
	Eberhard Faber	Pencils	3.27
	Gaylord Bros Eberhard Faber Edison Electric Illuminating Co Geo. W. Butler Chadwick Copying Book Co. Bausch & Lomb Optical Co. E. J. Brooks & Co. J. H. Bunnell & Co. Brookline Gaslight Co Brookline Gaslight Co Brookline Gaslight Co Boyd Baldwin et al. Eli L. Bertram et al Nathan K. Fegley Edw. P. Dowd et al Joshua Miller et al Joshua Miller et al Lharry N. Waller et al Harry N. Waller et al H. H. George Elmer & Amend Underwood Typewriter Co United States Envelope Co. The Randall-Faichney Co Old Dominion Paper Co. Miller Lock Co. Library Bureau A. B. Morse D. Cumming Geo. W. Butler	Electric service	3, 56
	Chadwick Copying Pook Co	Use norse, etc	30.00 22.00
	Rausch & Lomb Ontical Co	Squares	12.15
	E. J. Brooks & Co.	Glasses	12.15 81.50
	J. H. Bunnell & Co	Batteries	2.40
	Brookline Gaslight Co	Gas	. 30
	Boyd Baldwin et al	Salaries	865.80
	No then V Feeley	dodo	255, 20 248, 80
	Edw P Dowd et al	do	177.00
	F. W. Huntington et al.	do	151, 60
	Joshua Miller et al	do	501. 49 1, 094. 98
	Chas. A. Schaufler et al	do	1,094.98
	Harry N. Waller et al	do	2, 933. 60
	Marion Dorget	Expenses	. 55 5, 69
	H H George	do	5, 97
	Eimer & Amend	Glasses, etc.	15. 04
5	Underwood Typewriter Co	Repairing	8,00
	United States Envelope Co	Envelopes	8.00 10.50
	The Randall-Faichney Co	Cases, etc	10.50
	Old Dominion Paper Co	Books	8.64
	Library Rurgen	Cords	14.45 42.65
	A. B. Morse	Expenses	75
7	D. Cumming Geo. W. Butler Harry F. Hume Bert Haskett	Services	30.00
	Geo. W. Butler	do	111.60
	Harry F. Hume	do	57.40
	Bert Haskett	do	51.43
	C. L. Morin.	do	95, 60 22, 00
	F M Perry	do	111 60
	J. E. Troughton	do	111. 60 57. 40
	W. H. Wade	do	71.80
	Don C. Ayer et al	Salaries	3,874.03
	Geo. A. Johnson et al	do	3,874.03 917.63 3,042.00
	Goo W Popo et al	do	3,042.00 388.40
	S E Rennett et al	do	7 441 40
	Jas. J. Brougham et al	do	7,441.49 2,031.20 248.80
	Jas. S. Kelley et al	do	248.80
	O. E. Dyson et al.	do	9,534.20
	Virgil L. Brown et al.	do	2,641.51 787.80 3,829.22
	W A Savaga at al	do	2 990 99
	F L De Wolf et al	do	248.80
8	Thos. W. Scott et al.	do	183, 40
	Lewis R. Baker et al	do	183.40 3,287.10 806.41
	Edw. P. Schaffter et al.	do	806.41
	W. H. Gibbs et al.	do	153.00
	A P. Morse et al	do	177.00 177.00 127.40
	A. J. Payne	Services	127.40
	Geo. W. Ward	do	111.60
	Wm. E. Smith	do	111.60 90.00
	Jas. Hewes.	do	90.00
9 10	H. E. AlVord	Traveling expenses	174.46
10	F. W. Bicknell	Services	5.12 $250.00$
	Chas. Cowie	do	88.00
	W. J. Kennedy	do	88.00 100.00
	Levi Wells	Traveling expenses	110.76
	Artemus Irving	do	6.50
	H. T. Potter	do	1.50 3.80
	F M Perry	00	3.80
	Earl C. Cannon	do	3. 20 4. 50
	Harry F. Hume Bert Haskett C. L. Morin Hervey T. Potter F. M. Perry J. E. Troughton W. H. Wade Don C. Ayer et al. Geo. A. Johnson et al. Rice P. Steddom et al. Geo. W. Pope et al. S. E. Bennett et al. Jas. J. Brougham et al. Jas. J. Brougham et al. Jas. J. Brougham et al. Jas. S. Kelley et al. O. E. Dyson et al. Virgil L. Brown et al. Jas. Fleming et al. W. A. Savage et al. F. L. De Wolf et al. Thos. W. Scott et al. Lewis R. Baker et al. Edw. P. Schaffter et al. W. H. Gibbs et al. Frank Braginton et al. A. J. Payne. Geo. W. Ward Wm. E. Smith Jas. Hewes H. E. Alvord Boyd Baldwin F. W. Bicknell Chas. Cowie W. J. Kennedy Levi Wells Artemus Irving H. T. Potter C. L. Morin F. M. Perry Earl C. Cannon Jas. Hewes Robt. Darling et al. Chos. Keane et al. Robt. Darling et al. Chas. Keane et al.	do	16.00
	Robt. Darling et al.	Salaries	191.40
	Chas. Keane et al	do	518, 40

	Name.	Nature of payment.	To
904.	Clarence Loveberry Levi P. Beechy et al Harry D. Paxson et al Geo. Ditewig et al F. D. Ketchum et al Harry D. Paxson et al Geo. Ditewig et al F. D. Ketchum et al Harrison H. George et al L. K. Green et al L. K. Green et al Henry P. Armsby et al Neils C. Sorensen et al Trajan A. Shipley et al Albert E. Behnke et al Chas. H. Zink et al B. P. Wende et al Wesley N. Neil et al Geo. S. Baker et al Richd. J. Blanche et al O. B. Hess et al J. B. Clancy et al W. J. Murphy et al W. J. Murphy et al W. H. Wray Jas. Johnston A. D. Melvin Ch. Wardell Stiles do W. H. Rose S. E. Bennett do B. F. Van Valkenburgh Clarence Loveberry Julius Huelsen United States Express Co W. I. Young & Co St. Louis National Stock Yards Milk Street Trust Jno. Post The M. Lindsay Rubber Co Geo. E. Howard Potomac Electric Power Co American Ice Co E. L. Cushman Washington Gas Light Co F. D. Ketchum		
r. 10	Clarence Loveberry	. Salaries	\$4
	Levi P. Beechy et al	do	\$4 8
	Harry D. Paxson et al	do	1,4
	Geo. Ditewig et al	do	1,2
	F. D. Ketchum et al	do	1,1
	Harrison H. George et al	do	8
	L. K. Green et al.	do	3
	Fredk. W. Ainsworth et al	do	4
	Henry P. Armsby et al	do ,	2
	Neils C. Sorensen et al	do	1,9
	Trajan A. Shipley et al.	do	3
	Albert E. Behnke et al	do	1,1
- 3	Chas. H. Zink et al.		5
	Worldy N. Neil et al.		2,0
	Coo C Polyan et al	do	4
1	Pichd I Blancho et al	do	9
1	O B Hace at al	do	2
	I R Claney et al	do	3 3
1	M O Anderson et al	de	3, 0
	W. J. Murphy et al.	do	1
11	W. H. Wrav	Services	3
	Jas. Johnston	do	1
	A. D. Melvin	Traveling expenses.	-
	Ch. Wardell Stiles.	Expenses	
	do	do	1,4 1,2 1,1 1,8 8 3 4 4 2,2 1,9 3 1,1 5 2,0 7 4 2 2 3 3,3 1,1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1	W. H. Rose	do	
	S. E. Bennett	do	
	do	do	1,1
	B. F. Van Valkenburgh	do	
	Clarence Loveberry	do	
	Julius Huelsen	do	
	United States Express Co	Transportation	
	W. I. Young & Co	Butter	1,1
	St. Louis National Stock Yards	Office rent	
	Milk Street Trust	do	
	The M. Lindson Dubbon Co.	Clares	
1	Coo F Howard	Gloves	1.0
1	Potomog Flostria Power Co	Floatria current	1,0
	American Jee Co	Too	
1	E. L. Cushmon	Gloves. Stamps, etc. Electric current. Ice. Chuck.	
	Washington Gas Light Co.	Gas	4
	F. D. Ketchum	Horse hire	
	Jas. J. Brougham	do	4
	S. E. Bennett.	do	-
	Clarence Loveberry	do	į
	Chas. Keane	do	4
	Hiram W. Hawley	do	:
	Geo. E. Francis	do	4
	Root. Darling	do	4
	O. E. Dyson		2
	S. W. Burt	00	4
	Don C Avor	do.	8 1 1 1
	I R Stafford	do	1
	Ino C Lorenzen	do	9
14	Densmore Typewriter Co	Renairing typewriter	1
	Delano & Moore	Films	
1	Harvard Laundry Co	Service	
. [	L. L. Lochte	Shoeing horses	
	Lamb & Tilden	Stamp holder	
	Littlefield, Alvord & Co	Transportation	
	do	do	
	Rudolph, West & Co	Hardware	1
	Thos. Somerville & Sons	Pipes, etc	1
	E. C. Schroeder	Expenses	
	W. H. Wray	do	
	A. J. Meyer	Services.	6
	Geo. E. Howard. Potomac Electric Power Co. American Ice Co. E. L. Cushman. Washington Gas Light Co. F. D. Ketchum Jas. J. Brougham S. E. Bennett. Clarence Loveberry. Chas. Keane. Hiram W. Hawley Geo. E. Francis Robt. Darling O. E. Dyson S. W. Burt A. E. Behnke. Don C. Ayer J. R. Stafford Jno. C. Lorenzen Densmore Typewriter Co. Delano & Moore. Harvard Laundry Co. L. L. Lochte. Lamb & Tilden Littlefield, Alvord & Co. do. Rudolph, West & Co. Thos. Somerville & Sons E. C. Schroeder W. H. Wray A. J. Meyer. Geo. S. Baker W. D. Collyer W. H. Wray B. F. Van Valkenburgh O. L. Leighton M. Du Perow Delano & Moore Chicago, Milwaukee and St. Paul Rwy. Co. Chicago, Burlington and Quincy Rwy. Co.	Traveling expenses	6 7
	W. D. Collyer	do	7
1	W. H. Wray	00	4
	B. F. van Valkenburgh	0D	1
1	U. L. Leighton		*
1	M. Du Perow	Prione receiver	,
	Delano & Moore	Sono prints	
17	Chicago Millorghan and Ct D. ID. C		

Date.	Name.	Nature of payment.	Tota
1904.			
ar. 17	Chicago and Alton Rwy. Co	Transportation	\$0
	Chicago and Northwestern Rwy. Co	do	19
	The Chesapeake and Ohio Rwy. Co	Passenger transportation	19
	Chicago and Northwestern Rwy. Co	do	68 17 77
	Chicago, Milwaukee and St. Paul Rwy. Co	Trovoling awayanaa	1.77
	F C Cignist	do do	1
	I F Pyder	do	30
	do	do	30
	do	Services, January	30 170
	do .	Services, February	159
	Tooie A. Geddes	do	199
18	The M. Joyce Engraving Co	Stamp Tickets	10
	Capital Traction Co	Tickets	10
	Chas. A. Edmondson	Pans, etc	13
	Potomac Electric Power Co	Lamps Pipes, etc. Transportation Passenger transportation.	2
	E. G. Schafer & Co.	Pipes, etc	(
	Star Union Line	Transportation	1
	Pitsburgh, Cincinnati, Chicago and St. Louis	Passenger transportation	7
	RWy. Co.	3-	4.
	do do	do	14 17
	Rwy. Co. Pennsylvania R. R. Co.  Union Pacific R. R. Co.	do	58
			60
	White Star Line. W. D. McArthur. G. W. Pope.	Services	240
	G. W. Pope	Expenses	240 12
	White Star Line W. D. McArthur G. W. Pope R. P. Steddom G. W. Pope D. R. Alton Illinois Central R. R. Co. Eimer & Amend The American Distribution Co.	do	19
	G. W. Pope	Traveling expenses	4
	D. R. Alton	do Transportation Brushes, etc.	4
	Illinois Central R. R. Co	Transportation	48
21	Eimer & Amend	Brushes, etc	48
	The American Distribution Co	Alcohol. Forceps, etc. Coal. Chair	68
	Bausch & Lomb Optical Co	Forceps, etc	2
	Transit House Stores	Coal	23
	A. Stephenson & Co.	Chair	6
	A mthum II Themas Co	Cases.	8
	Phillip Lindomovor	Panar	7
	The American Distribution Co.  Bausch & Lomb Optical Co.  Transit House Stores A. Stephenson & Co.  Yawman & Erb Manufacturing Co.  Arthur H. Thomas Co.  Phillip Lindemeyer Jno. Underwood & Co.  Eberhard Faber Rockwell-Barnes Co.  Rand, McNally & Co.  The Randall Faichney Co.  do.	Paper do Bands	13
	Eharbard Fahar	Rande	16
	Rockwell-Barnes Co	Ink Eradicator Needles, etc.	9
	Rand, McNally & Co.	Eradicator	1
	The Randall Faichney Co	Needles, etc	12
	do	do	1 1 12 6
	Queen & Co. (Incorporated)	Cylinder	6
	R. J. O'Brien Bros. Co	Hay, etc	48
	Old Dominion Paper Co	Books	17
	Library Bureau	Guides	2
	do	do	24
	The Randall Faichney Codo.  Queen & Co. (Incorporated).  R. J. O'Brien Bros. Co. Old Dominion Paper Co. Library Bureaudo.  Tooie A. Geddes.  S. C. Shale. Geo. W. Pope  A. W. Bosworth.  E. A. McDonald. L. S. Depue.  R. Carter Ballantyne. Frank Hoswell. Barber & Rossdodo.	Traveling expenses	48 17 24 17 7 11
	Gao W Pope	do	11
	A W Rosworth	Services	75
	E. A. McDonald	do	80
22	Lamb & Tilden.	Rack	00
	L. S. Depue	Corn and oats	780
	R. Carter Ballantyne	Erasers, etc	23
23 24	Frank Hoswell	Services	23 15
24	Barber & Ross	Files	3
	do. Mallenckrodt Chemical Works.	Wheels	41
	Mallenckrodt Chemical Works	Alum, etc.	189
20	Mackall Bros.	Viais, etc	189
26	Doromus & Snyder	Pine ate	12 20
	Orlando Fling	Traveling expenses	19
	dodo	Services	25
29	Mackall Bros R. V. R. Post Doremus & Snyder Orlando Fling do Southern Rwy. Co. Pennsylvania R. R. Co. The Pullman Co.	Passenger transportation	31
	Pennsylvania R. R. Co	do	12 25 31 6
	The Pullman Co.	do	
	New York Central and Hudson River R. R. Co	do	4 5 16
	New York, New Haven and Hartford R. R. Co	do	5
	The Missouri Pacific Rwy. Co	do	16
	Louisville and Nashville R. R. Co	do	3
	The Chicago, Burlington and Quincy Rwy. Co	do	3. 10.
0.1	Pennsylvania R. R. Co. The Pullman Co. New York Central and Hudson River R. R. Co. New York, New Haven and Hartford R. R. Co. The Missouri Pacific Rwy. Co. Louisville and Nashville R. R. Co. The Chicago, Burlington and Quincy Rwy. Co. D. E. Salmon. Geo. E. Bedell. Leidy S. Depue. do.	Travellng expenses	18 13
31	Geo. E. Bedell	Repairing chairs	13 45

	BUREAU OF ANIMAL INDUSTR	1, EXPENSES—Continued.	
Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 31	Underwood Typewriter Co	Cleaning typewriter. Office rentdo. Salaries.	\$12.00
	Jno S Martin & Co	Office rent	50.00 126.00 6,458.30
	W. S. Goodhue. Jno. S. Martin & Co. Geo. P. McCabe et al.	Salaries	6,458.30
	Total third quarter		299, 843. 66
Apr. 4	A. B. Hollis	Traveling expenses	2.60
	O. E. G. Olmsted	Sarvices	2.00 2.00 3.38 153.30
	W. D. Collyer	do	153.30
	M. W. Lang.	do	153.30
	Levi Wells	do	153.30 153.30 127.70 7,570.52
	Geo. M. Whitaker	do	127.70
5	S. E. Bennett et al.	Salaries	7,570.52
	W. H. Rose et al.	do	359. 50 1, 255. 90 735. 60
	Julius Huelsen et al	do	735, 60
	Robt. Billsborough	Services.	499.00 3.00 125.00
6	A. B. Hollis O. E. G. Olmsted Robt. Billsborough W. D. Collyer M. W. Lang B. F. Van Valkenburgh Levi Wells Geo. M. Whitaker S. E. Bennett et al Geo. W. Pope et al Julius Huelsen et al H. A. Hedrick et al Robt. Billsborough Jas. Stikeman Marion Dorset	Office rent	125.00
	Marion Dorset	Expenses	19.13 8.28
	H. D. Mayne	Service	102.20 153.30
7	U. G. Houck	Traveling expenses	153.30 12.95
'	N. C. Sorensen	Expenses.	12.08 16.00
	Harry N. Waller	do	16.00
	J. F. Ryder	do do	250.00 170.30
	Harry F. Hume	do	61.30 20.00
	D. Cumming	dodo	20.00 76.60
	W. J. Kennedy.	do	100.00
	F. M. Perry	do	119, 20
	Henry P. Armsby et al.	Salaries	119, 20 102, 20 251, 70
	Chas. A. Schaufler et al	do	1,180.50
	Harry N. Waller et al.	do	162, 20 3, 221, 10
	Nathan K. Fegley et al	do	265.,60
	E. P. Schaufler et al.	do	298.10 861.55 1,297.50
8	Geo. Ditewig et al.	do	1,297.50 1,161.02
0	H. H. George et al.	do	873.60
	Boyd Baldwin et al.	do	924, 60 272, 40
	F. D. Ketchum et al.	do	1,181.70 956.90
0	Geo. A. Johnson et al.	do	956.90
9	Harry D. Paxson et al	do	3,539.43 1,370.80
	Virgil L. Brown et al.	do	2,905.72
	Jas. Fleming et al. Traign A. Shipley et al.	dodo	841, 10 342, 20
	Fredk. Braginton et al	do	189.00
	B. P. Wende et al	do	2,189.73 189.00
	W. H. Gibbs et al	do	163.50
	Arthur B. Morse et al.	do	189.00
	Harvey Q. Thompson et al.	do	2,373,70
	L. K. Green et al.	do	539. 80 2, 373. 70 323. 50 875. 30 10, 185. 37 204. 30
	O. E. Dyson et al.	do	10, 185, 37
	Wilber J. Murphy et al.	do	204.30
	J. B. Clancy et al.	do	3, 486. 06
	D. C. Ayer et al.	do	2,825.94 4,139.60
	S. E. Bennett.	Horse hire	28.00 25.00
	Jas. J. Brougham	do	40.00 340.20
	Geo. E. Howard	Stamps	340.20
	Jas. Hewes	Services	91. 29 90. 00 16. 00
	Julius Huelsen et al  R. A. Hedrick et al. Robt Billsborough Jas. Stikeman Marion Dorset. E. C. Schroeder H. D. Mayne U. G. Houck H. D. Mayne N. C. Sorensen Harry N. Waller F. W. Bicknell J. F. Ryder Harry F. Hume D. Cumming W. H. Wade W. J. Kennedy F. M. Perry C. L. Morin Henry P. Armsby et al Chas. A. Schauffer et al F. W. Huntington et al Harry N. Waller et al Geo. C. Faville et al Geo. Ditewig et al Geo. Ditewig et al Albert E. Behnke et al H. H. George et al Boyd Baldwin et al Eli L. Bertram et al Eli L. Bertram et al F. D. Ketchum et al Harry D. Paxson et al Virgil L. Brown et al Jus. Fleming et al Trajan A. Shipley et al Trajan A. Shipley et al Trajan A. Shipley et al H. H. Goorge et al B. P. Wende et al Trajan A. Shipley et al Trajan A. Shipley et al Harry D. Paxson et al Lewis R. Baker et al Harry D. Paxson et al Lewis R. Baker et al Harry D. Paxson et al Jus. Fleming et al Trajan A. Shipley et al S. E. Benmett Robs. Darling Jas. J. Brougham Geo. E. Howard Jno. C. Parker Jas. Hewes Jno. A. Bell Chas. Thom Chas. Cowie	do	16.00
	Chas. Cowie	do	60.48 104.00

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 9	Geo. W. Ward. Albert W. Bosworth.	Services	\$119.20
	Albert W. Bosworth	do	75.00 90.00
	Albert W. Bosworth Wm. E. Smith A. J. Meyer. Geo. W. Butler Albert J. Payne F. L. Russell Geo. A. Johnson Thos. W. Scott B. P. Wende.	do	65.00
	Geo. W. Butler	do	119.20
	Albert J. Payne	do	136.30
	F. L. Russell.	do	72.00
	Thos W Scott	Expenses	4. 23 3. 00
	B. P. Wende	do	135, 00
	B. P. Wende do.  F. L. De Wolf Clarence Loveberry N. Rufus Gill The Sioux City Stock Yards Co. Wichita Union Stock Yards Co. Grand Trunk Rwy. System Belt R. R. and Stock Yards Co. T. F. Rogers, agent H. J. Harwood The Cincinnati Union Stock Yards Co. St. Louis National Stock Yards Co.	do	1.40
	F. L. De Wolf.	do	. 6 24. 2
	V. Pufus Cill	Office rent	24. 28 31. 28
	The Sioux City Stock Yards Co	once tent	60.00
	Wichita Union Stock Yards Co.	do.	20.00
	Grand Trunk Rwy. System	do	37.50
	Belt R. R. and Stock Yards Co	do	30.00
	T. F. Rogers, agent.	do	52.50 62.50 45.00
	The Cincinnati Union Stock Yards Co	do	45.00
	St. Louis National Stock Yards Co	do	50.00
	East Buffalo Live Stock Exchange Co	do	90.00
	Trustees Milk Street Trust	do	75.00
	The Cincinnati Union Stock Lards Co.  St. Louis National Stock Yards Co.  East Buffalo Live Stock Exchange Co.  Trustees Milk Street Trust.  do.  Washington Gaslight Co.  E. H. Catlin & Co.	Coo	81, 28 42, 20
	E H Catlin & Co	Spindles	9 10
	A. E. Behnke.	Horse hire	2.40 35.00
	A. E. Behnke. C. L. Morin	Horse hire. Traveling expenses.	3.5
	Edw. K. Ward	do	4.40
11	C. L. Morin. Edw. K. Ward Chesapeake and Potomac Telephone Co. Iowa Telephone Co. Henry Heil Chemical Co. Daniel Gallagher Electro-Tint Engraving Co. Edison Electric Illuminating Co. Cornell University Bay State Clean Towel Co. Brookline Gaslight Co. E. J. Brooks & Co.	Service	9.60
	Henry Heil Chemical Co	Alcohol	12.00
	Daniel Gallagher	Typewriter desk.	7.00 7.90
	Electro-Tint Engraving Co	Illustrations	60.00
	Edison Electric Illuminating Co	Electric light	3.19 7.83 3.73
	Cornell University	Butter	7.83
	Brookling Caslight Co	Service	.3(
	J. Brooks & Co. J. Bishop & Co. American Tag Co. E. A. McDonald.	Seals	42.00
	J. Bishop & Co.	Wire	2.33
	American Tag Co.	Fasteners	16.00
	E. A. McDonald	Services	112.00
	Chas Voone et al	Solorios	4.98 553.30
	F. L. De Wolf et al.	dodo	265.60
	Edw. P. Dowd et al.	do	189.00
	Robt. Darling et al	do	204.30
	Jas. S. Kelly et al.	do	265.60
	Woslio V Voil of al	do	548.30 844.08
	Thos. W. Scott et al.	do	195.80
•	Fredk. W. Ainsworth et al	do	531.30
	Richd. J. Blanche et al	do	253. 29 2, 300. 90
	American Tag Co E. A. McDonald. Maggie Taylor . Chas. Keane et al. F. L. De Wolf et al. Edw. P. Dowd et al. Bobt. Darling et al. Jas. S. Kelly et al. Jas. S. Kelly et al. Joshua Miller et al. Weslie N. Neil et al. Weslie N. Neil et al. Fredk. W. Ainsworth et al. Fredk. W. Ainsworth et al. Fredk. W. Ainsworth et al. Clarence Loveberry et al. Geo. S. Baker et al. Jas. J. Brougham et al. Levi P. Beachy et al. O. B. Hess et al. The Sacramento Union. United States Envelope Co Phillip Lindemeyr. Maryland Telephone and Telegraph Co. New England Telephone and Telegraph Co. do. R. J. O'Brien & Bros. Co. W. E. Pratt. Queen & Co. (Incorporated) Chadwick Copying Book Co. American Ice Co. St. Joseph Stock Yards Co.	do	2,300.90
	Geo S Baker et al	do	471.78 427.40
	Jas. J. Brougham et al	do	2,169,40
	Levi P. Beachy et al	do	905.26
	O. B. Hess et al.	do	422.40
12	The Sacramento Union.	Advertising	3. 67 92. 70
	Phillip Lindamayr	Paner	92.70
	Maryland Telephone and Telegraph Co	Service.	12.00
	New England Telephone and Telegraph Co	do	52.50
	do	do	12.5
	D. I. O'Prion & Proc. Co.	Ooto etc	4, 50
	W. E. Pratt	Hog rings	48.44 96.23
	Queen & Co. (Incorporated)	Lead ascetate.	. 66
	Chadwick Copying Book Co	Books	46.00
13	American Ice Co. St. Joseph Stock Yards Co.	Ice	22.10
	St. Joseph Stock Yards Co	Omce rent	135.00
	Emma J. Adams et al.  Bourbon Stock Yards Co. Union Stock Yards and Transit Co. Z. D. Gilman.  Forsberg & Murray. Woodward & Lothrop.	do	120.00 30.00
	Union Steek Yards and Transit Co.	do	375,00
1.4	Z. D. Gilman	Syringe harrels	73.70 21.38
14	2. D. Gilman		

### $Expenditures\ of\ the\ Department\ of\ Agriculture\ for\ fiscal\ year\ ending\ June\ 30,\ 1904-{\bf Cont'd.}$

ate.	Name.	Nature of payment.	Total.
904.			
r. 14	W. B. Moses & Sons	Mirrors	\$2.
	Remington Typewriter Co	Repairing typewriter	\$2. 112.
	Rudolph, West & Co	Nails, etc	1
	W. B. Moses & Sons. Remington Typewriter Co. Rudolph, West & Co. Littlefield, Alvord & Co. Louis Smith Jno. Caldwell Postal Telegraph Cable Co. N. H. Shea. Thos. Somerville & Sons. Fred A. Schmidt Rex Sanitary Appliance Co. D. Frank Parker E. S. Newman.	Repairing typewriter Nails, etc. Transportation	
15	Louis Smith	Services	o.
7.0	Jno. Caldwell	do	12. 13.
18	Postal Telegraph Cable Co	Service.	13.
	The Comerville & Cone	Poolaing etc	1. 5.
	Fred A Schmidt	Soapine Packing, etc Ruling pens	1.
1	Rex Sanitary Appliance Co.	Disinfectors	8.
	D. Frank Parker	Silk	12.
1	E. S. Newman. The M. Joyce Engraving Co	Paper Signatures	2. 1.
	The M. Joyce Engraving Co	Signatures	1.
	Harvard Laundry Co	Service	5. 69.
	L. S. Depue	Bran, etc	69.
	Western Union Telegraph Co	Service	6. 387.
19	W. H. Wray	Services	387.
	Toole A. Geddes	do	212.
	Jas. Johnson	00	212. 127. 17.
	Nabraska Talanhana Ca	Sorvice	17.
	Chicago Telephone Co	do	13.
	do	do	7. 43. 20.
	New Telephone Co	do	20.
	Missouri and Kansas Telephone Co.	do	12.
	do	do	25.
	New York and New Jersey Telephone Co	do	25. 35.
	The Bell Telephone Co	do	40.
	Frontier Towel Supply Co	do	17. 83. 5.
	Chicago Towel Supply Co	do	83.
	Fowler Manufacturing Co. (Limited)	do	5.
	Suver Laundry and Towel Co	00	3.
	Armstrong Laundry Co	Dom#	1.
	Pittsburgh Union Stock Vards Co	Action do	62. 45.
	Kansas City Stock Varde Co	do	66
	do	do	66.
	Gahan & Byrne	do	66. 66. 675. 50.
	Clarence Loveberry	Horse hire.	50.
	Geo. E. Francis	do	45.
	F. D. Ketchum	do	25. 25.
	Chas. Keane	do	25.
	Geo. W. Butler	do	30.
	J. K. Stafford	do	10. 105. 15.
	Don C Ayong	do	100.
	Ino C Lorenzen	do	35.
	S. W. Burt	do	25.
	O. E. Dyson	do	25. 25.
	H. W. Hawley	do	32.
	Harry M. Ball	Traveling expenses	12.
	M. W. Lang	do	12. 136. 88.
	E. A. McDonald	do	88.
	Theria A. Coddon	do	18.
	I F Predor	dodo	76. 17. 18.
	Geo W Pone	do	17.
	Jos. M. Turner	do	7
	B. F. Van Valkenburgh	do	7. 20.
	Jas. Johnston	do	20.
	A. D. Melvin	do	116.
	J. P. O'Leary	do	6.
	F. M. Perry	do	13.
	H. T. Potter.	do	6. 13. 6.
	R. H. Treacy	Expenses	19.
	B. F. Van Valkenburgh	do	29.
	Doyu Baldwin	do	5. 12.
	Goo C Favillo	do	12. 17.
	Nathan K. Fegley	do	6
	Rex Sanitary Appliance Co D. Frank Parker E. S. Newman. The M. Joyce Engraving Co. Harvard Laundry Co L. S. Depue Western Union Telegraph Co. W. H. Wray. Tooie A. Geddes. Jas. Johnson. H. T. Potter. Nebraska Telephone Co Chicago Telephone Co. do. O. Mew Telephone Co. Missouri and Kansas Telephone Co. Missouri and Kansas Telephone Co. The Bell Telephone Co. Frontier Towel Supply Co. Chicago Towel Supply Co. Frontier Towel Supply Co. Frowler Manufacturing Co. (Limited) Silver Laundry and Towel Co. Armstrong Laundry Co. Independent Stock Yards Co. Pittsburgh Union Stock Yards Co. Gahan & Byrne. Clarence Loveberry. Geo. E. Francis. F. D. Ketchum Chas. Keane. Geo. W. Butler J. K. Stafford Chas. A. Schaufler Don C. Ayers. Jno. C. Lorenzen S. W. Burt O. E. Dyson. H. W. Hawley Harry M. Ball M. W. Lang E. A. McDonald O. J. F. Ryder Geo. W. Pope Jos. M. Turner B. F. Van Valkenburgh Jas. Johnston. A. D. Melvin J. P. O'Leary F. M. Perry H. T. Potter. R. H. Treacy B. F. Van Valkenburgh Boyd Baldwin H. A. Hedrick Geo. C. Faville Nathan K. Fegley Albert J. Payne. Tooie A. Geddesdo W. H. Rose Julius Huelsen Geo. Uitewig Jas. J. Brougham Fredk. Brougham	do	6. 1.
	Toole A. Geddes	do	4.
	do	do	9.
	W. H. Rose.	do	12.
	Julius Huelsen	do	12. 12.
	Geo. Ditewig Jas. J. Brougham Fredk. Brougham	do	33. 17. 1.
		do	177

ite.	Name.	Nature of payment.	Total.
04.	·		
. 19	Albert C. Behnke. Fred J. Goebel. H. H. George. Chas. Keane. Hiram Jerome. Joshua Miller Cutler & Neilson Paint and Color Co. The Consumers Co.	Expenses	\$19. 7. 19.
	Fred J. Goebel	do	7.
	H. H. George	do	19.
	Unas. Keane	dodo	9.
	Tochua Millor	do	10. 17.
	Cutler & Neilson Paint and Color Co	Paint etc	12.
	The Consumers Co	Ice	23.
	The Consumers Codo  Duff & Repp Furniture Co  Library Bureau  L Le Roy Lochte  Chas. Hubinger  do  Henry Heil Chemical Co  Whitall Tatum Co  Thacher & Ireland  Union Envelope Co  do	Water	1.
	Duff & Repp Furniture Co	Water Window shades	3.
	Library Bureau	Cards	10.
	L. Le Roy Lochte	Cards. Shoeing horses Gasolene Wrench, etc. Acid, chromic, etc Handles. Paint.	16
	Chas. Hubinger	Gasolene	15.
	do	Wrench, etc	6
	Henry Hell Chemical Co	Acid, chromic, etc	4
	Thecher & Iroland	Point	1.
	Union Envelope Co	Envelopes.	4 13
	do	do	78.
	Rockwell-Wahash Co	Files	.0.
	Rock Co.	Stamps, etc.	3
	Rock Co Stockyard Hardware and Paint Co Glynn & Smith	Paper, étc	3
	Glynn & Smith	Transportation	5.
	General Hardware and Faint Co Glynn & Smith G. S. Stott Queen & Co. (Incorporated) Miller Lock Co. Mendenhall Transportation Co	GO Files Stamps, etc Paper, etc Transportation Mucilage Paraffin Padlocks	9
	Queen & Co. (Incorporated)	Paraffin	7
	Miller Lock Co.	Padlocks	14
	Mendennall Transportation Co	Storage	6
	Rausch & Lamb Ontical Co	Paraffin	14 97
	Combe Printing Co	Files etc	91
	W. I. Young & Co.	Butter	673
20	S. E. Bennett	Expenses	1
	Rice P. Steddom	do	10
	W. H. Wray	do	23 37 2
	H. H. Hicks	Traveling expenses	37
	Chas. W. Pagle, jr.	do	2
	Chas. M. Day	do	34
	Urlando Filing	do	4
	II G House	do	8 71
	W V D Rird	do	5
	G. W. Ward	do	3
	Geo. S. Baker	do	9
	L. K. Green	do	3. 9. 5
	Jas. Johnston	do	1.
	Jas. Johnston Jas. Hewes Pere Marquette R. R. Co Cleveland, Cincinnati, Chicago and St. Louis	do	. 167 2 19
	Pere Marquette R. R. Co.	Passenger transportation	2
	Cleveland, Cincinnati, Chicago and St. Louis	do	19.
	Rwy. Co.	do	6
	The Atchison, Topeka and Santa Fe Rwy Co.	do	6. 31.
	Central Vermont Rwy, Co.	do	8
	The Wabash R. R. Co.	do	65 90
	Southern Rwy. Co	do	65
	The Cunard Steamship Co	do	90
	Leidy S. Depue	Oats, etc.	3
	Dulin & Moutin Co	Envelopes	10
	Potomae Floetrie Power Co	Flootrie current	1 66
	New York Telephone Co	Office rent	00
	New York and Yow Jarsey Telephone Co	Sorvice	27
	Weehawken Stock Yard Co	do	7 9
	Carter Rice & Co.	Paper	29
	H. A. Hedrick	Horse hire	20
	New York, New Haven and Hartford Co	Transportation	
	Rwy. Co. do. The Atchison, Topeka and Santa Fe Rwy. Co. Central Vermont Rwy. Co. The Wabash R. R. Co. Southern Rwy. Co. The Cunard Steamship Co. Leidy S. Depue. Geo. C. Howard. Dulin & Martin Co. Potomac Electric Power Co. New York Telephone Co. New York Telephone Co. We Wash and New Jersey Telephone Co. Weehawken Stock Yard Co. Carter Rice & Co. H. A. Hedrick. New York, New Haven and Hartford Codo. New York Central and Hudson River R. R. Co.	do	1.1
	New York Central and Hudson River R. R.	do	1.
			3.
	Houston and Texas Control P. P. Co	do	3
	Wabash R. R. Co.  Houston and Texas Central R. R. Co. Erie R. R. Co. Chicago, St. Paul, Minneapolis and Omaha Rwy. Co.	do	1.
	Chicago, St. Paul, Minneapolis and Omaha	do	
	Rwy. Co.		
	Chesapeake and Ohio Rwy. Co. Clark & Davenport. F. W. Ainsworth O. E. Dyson. Chas. A. Schaufler.	do	
21	Clark & Davenport	Carpet	83. 7. 20.
	F. W. Ainsworth	Expenses	7.
	II k Dreen	do	20

ate.	Name.	Nature of payment.	Tota!
904.			
r. 21	L. K. Green	Expenses	\$3
	T. A. Shipley. Edw. K. Ward	Traveling expenses	10
	O. B. Hess.	Traveling expenses	4 11
22	O. B. Hess. Chas. Cowie A. G. G. Richardson Orlando Fling. Chicago, Rock Island and Pacific Rwy. Co. Chicago, Rock Island and Gulf Rwy. Co. Missouri Tent and Awning Co The Randall Faichney Co. Campbell, Morrell & Co. R. P. Coady. Doremus & Snyder B. P. Wende. Wm. E. Smith. W. C. Wootten Herman R. Ryder W. D. Collyer Levi Wells.	do	12
	A. G. G. Richardson	do	62
	Orlando Fling	Services	20
	Chicago, Rock Island and Pacific Rwy. Co	Transportation	1
	Chicago, Rock Island and Gulf Rwy. Co	Passenger transportation	14
23	The Rendell Feighner Co	Thermometers	6 30
20	Campbell, Morrell & Co	Seeds	7
	R P. Coady	Repairing desk	24
	Doremus & Snyder	Wheels, etc.	42
	B. P. Wende	Traveling expenses	4 9
	W.C. Wootten	do	1
	Herman R. Ryder	do	5
	W. D. Collyer	do	48
	Levi Wells	do	148
	F. L. Russell	do	26
	E. L. Volgenau	do	74
25	E. L. Russell. E. L. Volgenau. A. J. Smith. Wm. H. Rupp Co. Francis Miller The Chesapeake and Potomac Telephone Co.	Files, etc	19
20	Francis Miller	Glass	18 117
	The Chesapeake and Potomac Telephone Co.	Service	117
	W. I. Brooks	Traces	4
27	W. I. Brooks E. J. Brooks & Co. Mallinckrodt Chemical Works.	Car seals Permangapate Potassium acetate	31
	do.	Potassium acetate	8
	United States Envelope Co.	Envelopes	(
	Inc. Deat	Oats and bron	38
	Jno. L. Boland Book and Stationery Co	Letter press Copying bath, etc	8
	J. M. Nicholas	Copying bath, etc	9
	Remington Typewriter Co	Paper	23
	Leidy S. Denue	Meals, etc	69
	Jno. L. Boland Book and Stationery Co. J. M. Nicholas Remington Typewriter Co. National Electrical Supply Co. Leidy S. Depue R. P. Andrews & Co. Robt H. Cortor	Paper Repairing motor Meals, etc Paste and clips	(
	Robt. H. Carter	Services	18
	J. B. Clancy	Expenses	21
	D. D. Alton	Faste and chips Services Expensesdo Traveling expenses Transportation	24
	Geo W Knov Express Co	Transportation	-
	Chas. Lentz Sons	Sharpening knives	38
28	R. F. Alldrews & Co. Robt. H. Carter. J. B. Clancydo. D. R. Alton Geo. W. Knox Express Co. Chas. Lentz Sons. Chicago, Milwaukee and St. Paul Rwy. Co.	Transportation Sharpening knives Passenger transportationdo Carpets Servicesdo	38
7	do	do	10
30	F W Bicknell	Sarvices	250
90	Jno. Caldwell	do	39
			6,012
	Louis Smith. Geo. P. McCabe et al. Jos. S. Keane.	do	
	Geo. P. McCabe et al.	Salaries Traveling expenses	6,012
7 2	Jos. S. Keane	Traveling expenses	148
	M. W. Lang W. D. Collyer Levi Wells B. F. Van Valkenburgh G. M. Whitaker C. Wardell Stiles U. G. Houck	do	148
	Levi Wells	do	148 148
	B. F. Van Valkenburgh	do	148 128
	G. M. Whitaker	do	123
0	C. Wardell Stiles	Expenses	148
3	U. G. Houck	Services	140
	A W Bosworth	do	148 75
	Chas. Thom	do	78
	D. E. Salmon	Traveling expenses	18
4	A. L. Pitney. A. W. Bosworth. Chas. Thom D. E. Salmon Sunset Telephone and Telegraph Co.	Services	10 6 28
	The nangan raignney Co	INCCURES	25
6	New York Telephone Co. Geo. E. Howard	Needles Service Meat labels	1 627
0	do	Stamps	414
	Remington Typewriter Co	Paper	414 18 50
	Geo. E. Howard do. Remington Typewriter Co W. S. Goodhue O. E. Dyson et al. Saml. E. Bennett et al. Louis R. Baker et al. Harry N. Waller et al. Willard S. Savage et al. Harry Q. Tompson et al. B. P. Wende et al. W. H. Rose et al.	Rent	_50
7	O. E. Dyson et al.	Salaries	u 736
	Sami. E. Bennett et al.	do	3 549
	Harry N Waller et al	do	7,398 3,542 3,111
	Willard S. Savage et al.	do	3,019
	Harry Q. Tompson et al	do	3, 019 2, 303 2, 094
	B. P. Wende et al	do	2,094
		da	1, 21

ate.	Name.	Nature of payment.	Total.
904. y 7	•		
y 7	Chas. A. Schaufler et al Geo. Ditewig et al Albert E. Behnke et al Wesley N. Neil et al Boyd Baldwin et al T. W. Carachan et al E. P. Schaffter et al Julius Heulsen et al Joshua Miller et al H. A. Hedrick et al Geo. W. Pope et al T. A. Shipley et al Geo. C. Faville et al Eli L. Bertram et al Richd. J. Blanche et al Nathan K. Fegley et al F. L. De Wolf et al Wilbur J. Murphy et al Thos. W. Scott et al F. W. Huntington et al F. W. Huntington et al Rice P. Steddom Albert J. Payne Geo. W. Butler W. J. Kennedy F. M. Perry H. D. Mayne C. L. Morin Jas W. Hewes W. H. Wade Henry F. Hume H. T. Potter John W. Kaull A. B. Morse Marion Dorset Boyd Baldwin C. L. Morin	Salaries	\$1,215.0 1,213.7
	Albert E. Behnke et al	do	1, 169. 2
	Wesley N. Neil et al.	do	860.4
	Boyd Baldwin et al	do	855.4
	T. W. Carachan et al.	do	845.7 833.9
	E. P. Schaffer et al.	do	719 1
	Joshua Miller et al	do	712. 1 530. 7 482. 9
	H. A. Hedrick et al.	do	482.9
	Geo. W. Pope et al.	do	461.9
	T. A. Shipley et al.	do	331.3 288.3 263.8
	Fli I. Bertram et al	do	263.8
	Richd, J. Blanche et al.	do	257. 1
	Nathan K. Fegley et al	do	257.1
	F. L. De Wolf et al	do	257. 1 257. 1 257. 1 197. 8
	Wilbur J. Murphy et al	do	189.6
	Edw P Dowd et al	do	189.0
	F. W. Huntington et al	do	182.9 152.9
	Rice P. Steddom	Services	148.
	Albert J. Payne	do	131.9
	Geo. W. Butler	do	115.4
	F M Perry	do	115.
	H. D. Mayne	do	98.
	C. L. Morin	do	98.9
	Jas W. Hewes	do	90.
	W. H. Wade	do	74. 59.
	H T Potter	do	25.
	John W. Kaull	do	25. 13.
	A. B. Morse	Expenses	20.
	Marion Dorset	do	11.
	Boyd Baldwin	Charaling armanaga	Ð,.
10	R P Steddom	do	5. 8. 33.
10	Jno. R. Mohler	Expenses	6 1
	A. B. Morse Boyd Baldwin C. L. Morin R. P. Steddom Jno. R. Mohler do D. C. Ayer et al F. W. Ainsworth et al H. P. Armsby et al M. O. Anderson et al V. L. Brown et al L. P. Beechy et al Fredk Braginton et al L. P. Beechy et al Fredk Braginton et al Jas. Fleming et al Robt. Darling et al H. H. George et al L. K. Green et al W. H. Gibbs et al	do	20. 4,088. 512.
11	D. C. Ayer et al.	Salaries	4,088.
	H P Armshy et al	do	312. 186. 182. 2,809. 2,137. 474. 388. 192. 3,199.
	M. O. Anderson et al.	-do	182.
	V. L. Brown et al.	do	2,809.
	Jas. J. Brougham et al.	do	2, 137.
	Geo. S. Baker et al.	do	474.
	Fredk Braginton et al	do	199
	J. B. Clancy et al	do	3, 199.
	Robt. Darling et al	do	197. 754.
	Jas. Fleming et al.	do	754.
	H. H. George et al.	d0	929. 313.
	W. H. Gibbs et al	do	158.
	O. B. Hess et al.	do	442.
	Geo. A. Johnson et al	do	158. 442. 958.
	F. D. Ketchum et al.	do	1 143
	Unas. Keane et al.	do	535. 257. 436. 182.
	Clarence Loveberry et al	do	436
	A. B. Morse et al.	do	182.
	H. D. Paxson et al.	do	1,374.
	N. C. Sorensen et al.	do	2, 153.
	Chas. Cowie	Convices	1, 374. 2, 153. 537. 64.
	D. Cumming.	do	55.
	A. C. Hart	do	42. 29.
	E. S. Mayhew	do	29.
	E. A. McDonald	do	80.
	A. B. U Brien.	00	26.
	G. W. Ward	do	90. 115.
	H. H. George et al L. K. Green et al W. H. Gibbs et al O. B. Hess et al Geo. A. Johnson et al F. D. Ketchum et al Chas. Keane et al Jas. S. Kelly et al Clarence Loveberry et al A. B. Morse et al H. D. Paxson et al H. D. Paxson et al Chas. K. Zink et al Chas. Gowie D. Cumming A. C. Hart E. S. Mayhew E. A. McDonald A. B. O'Brien W. E. Smith G. W. Ward Geo. W. Pope Clarence Loveberry R. P. Steddomdo H. D. Mayne H. T. Potter	Expenses	12.
	Clarence Loveberry	do	18.
	R P. Steddom.	do	2. 3.
	H D Moyno	Traveling expenses	3. 10.
	THE IZE WIND VIDE	(10	10.

Date.	Name.	Nature of payment.	Total
1904.		•	
ay 11	H. H. George	Traveling expenses Expenses Traveling expenses Office rent Use horse, etc	\$2
~ J 11	do	Expenses	\$2 5
	D D Dogorg	Traveling expenses	50 10
	St. Louis National Stock Yards	Office rent	50
	J. R. Stafford	Use horse, etc	10
10	Chas. Keane	do	28
12	J. J. Brougham	do	40
	Geo. W. Butler	00	30
	Poht Darling	do	35 25
	G F Francis	do	45
	F. D. Ketchum	ob	25
	Clarence Loveberry	do	50
	Don C. Ayer.	do	18
	S. E. Bennett	do	28
	Eimer & Amend	Chemicals	32
	F. P. Burnap Stationery and Printing Co	Desk chairs.	90
	Chadwick Copying Book Co	Books	27
	D. L. Locate	Lapor	27 12 4
	Inc. F. Shore	Labor	4
	Ouean & Co (Incorporated)	Alcohol squibe	3
	Harner Lewis & Co	Twine	2
	Edison Electric Illuminating Co	Current	1
	A. J. Meyer	Services	63
	St. Louis National Stock Yards J. R. Stafford Chas. Keane J. J. Brougham Geo. W. Butler A. E. Behnke Robt. Darling G. E. Francis F. D. Ketchum Clarence Loveberry Don C. Ayer S. E. Bennett Eimer & Amend F. P. Burnap Stationery and Printing Co. Chadwick Copying Book Co. L. L. Lochte The Hub Envelope Manufacturing Co. J. D. E. Shore Queen & Co. (Incorporated) Harper, Lewis & Co Edison Electric Illuminating Co A. J. Meyer Daisy Stewart Julius Huelsen Bernhard P. Wende T. L. Armstrong W. D. Collyer Chas. M. Day M. W. Lang F. M. Perry Geo. W. Pope B. F. V. an Valkenburgh G. W. Ward Levi Wells F. W. Bicknell U. G. Houck Hugh Reily Z. D. Gilman F. S. Schwid	do	28
	Julius Huelsen	Expenses	7
	Bernhard P. Wende	do	8 14
	T. L. Armstrong	Traveling expenses	14
	W. D. Collyer	00	43 98
	M W Lang	do	190
	F M Parry	do	129 25 28
	Geo. W. Pone	do	2
	B. F. Van Valkenburgh	do	28
	G. W. Ward	do	
	Levi Wells	do	84
13	F. W. Bicknell	do	84 77
	U. G. Houck	do	86
	Hugh Reinly	Glue	3
	Z. D. Gilman	Chemicals, etc	7
	E. S. Schmidt	Work	2
	Washington Cas Light Co	Goo	39
	U. G. Houck Hugh Reilly Z. D. Gilman E. S. Schmid Fred. A. Schmidt Washington Gas Light Co. Potomae Electric Power Co. Barber & Ross Western Union Telegraph Co. Jno. Caldwell Tooie A. Geddes Jas. Johnston	Current	65
	Barber & Ross	Thermometers	4
	Western Union Telegraph Co.	Service	36
14	Jno. Caldwell	Services	36
16	Tooie A. Geddes	do	36 206
	Jas. Johnston	do	128 88 378
	F. L. Russell	do	88
	W. H. Wray	The sealing a semanar	3/6
	Tooie A. Geddes Jas. Johnston. F. L. Russell. W. H. Wray. do. W. H. Wray. W. H. Rose Geo. S. Baker. Chas. Cowie J. Wm. Fink A. D. Melvin. E. A. McDonald. J. O. F. Price	Expenses	6
	W H Rosa	Traveling expenses	10
	Geo. S. Baker	do	19
	Chas, Cowie	do	4
	J. Wm. Fink	do	17
	A. D. Melvin	do	8.
	E. A. McDonald	do	32
	J. O. F. Price Phibbs, Gibson & Co. Ga-Stimson Furniture and Carpet Co. Jno. C. Lorenzen	do	
	Phibbs, Gibson & Co	Rent	5.
	Ga-Stimson Furniture and Carpet Co	Chairs, etc	49
	Juo. C. Lorenzen	Hire norse, etc	38
	S W Burt	do	35
	O. E. Dyson	do	25 25
	Yawman & Erb Manufacturing Co	Card cabinet	
	Mallinckrodt Chemical Works	Chemicals.	
	Louis Smith	Services	
18	Jno. C. Lorenzen H. W. Hawley S. W. Burt. O. E. Dyson Yawman & Erb Manufacturing Co. Mallinckrodt Chemical Works Louis Smith H. E. Alvord J. F. Ryder E. C. Schroeder Jas. Johnston F. L. Russell.	Expenses	28 18
	J. F. Ryder	do	18
	E. C. Schroeder	do	35
	Jas. Johnston	Traveling expenses	
	F. L. Russell	do	38
	Hibbard Spencer, Bartlett & Co. The Fred Macey Co. (Limited). Passaic Feed Co. Stock Yard Hardware and Paint Co.	Corda	1
	Paggaia Food Co. (1/1mited)	Uarus	19
		11ay	18

Date.	Name.	Nature of payment.	Total.
-1904.			
Мау 18	Trustees Milk Street Trust. St. Louis and San Francisco R. R. Co. The Lake Shore and Michigan Southern R. R. Co.	Rent	\$75.
	St. Louis and San Francisco R. R. Co	Passenger transportation	21.
	R R Co	do	26,
	The Atchinson, Topeka, Santa Fe Ry. Co Atlantic Coast Line R. R. Co Chicago and Northwestern Rwy. Co The Kansas City Southern Rwy. Co Pittsburg, Cincinnati, Chicago and St. Louis	do	6.
	Atlantic Coast Line R. R. Co	do	9.
	Chicago and Northwestern Rwy. Co	do	6.
	Pittsburg Cincipneti Chicago and St. Louis	do	9. 20.
			20.
	The Yazoo and Mississippi Valley R. R. Co Chicago, Burlington and Quincy Rwy. Co	do	14.
	Chicago, Burlington and Quincy Rwy. Co	do	7.
	do. Chicago, Rock Island and Pacific Rwy. Co New York, New Haven and Hartford R. R.	do	
	New York New Haven and Hartford R R	do	1.:
	Co.		0.1
	Co. Pennsylvania R. R. Co. Brookline Gas Light Co. Chas. M. Corbett. Orlando Fling. Geo. M. Whitaker. Chas. M. Day. Simpson McIntire & Co. Queen & Co. (Incorporated). Mackall Bros. E. I. Brooks & Co.	do	
19	Brookline Gas Light Co	do	5.
-00	Chas. M. Corbett	do	5.
20	Coo M Whiteker	Services	25. 40.
	Chas. M. Day	do	34.
	Simpson McIntire & Co.	Butter	4.
	Queen & Co. (Incorporated)	Alcohol	9.
	Mackall Bros	Chemicals	10.
	E. J. Brooks & Co.	Seals	8.
	Mackall Bros E. J. Brooks & Co. Bausch & Lomb Optical Co. Eimer & Amend	Seals Paper, etc Test tubes	1. 24.
	Library Bureau	Cards	5.
	Library Bureau W. B. Moses & Sons. E. Morrison Paper Co. Southern Printers' Supply Co. R. P. Andrews & Co. Chadwick Copying Book Co. Dulin & Martin Co. L. S. Depue. Geo. E. Howard. F. L. Nichols	Chairs	5.
	E. Morrison Paper Co	Labels	2.
	Southern Printers' Supply Co	Prints	4.
	Chadwielz Conving Rook Co	Envelopes	75. 11.
	Dulin & Martin Co	Knives.	3.
	L. S. Depue	Meal, etc.	3. 69.
	Geo. E. Howard	Envelopes	10.
	F. L. Nichols	Apparatus	12.
	Geo. E. Howard F. L. Nichols The Rudolph Paper Box Co. Remington Typewriter Co. Ed. S. Schmid. Jno, D. Adams Orlando Fling. Jas. C. Burneson. Burlington Route, Missouri Lines. Chicago, Rock Island and Texas Rwy. Co. Erie R. R. Co. Church & Stephenson. American Ice Co. Howard Laundry Co. Jas. B. Lamble Co. A. C. McClurg & Co. The Publishers and Printers Engraving Co. Andrus & Church. T. S. Buck Manufacturing Co. Geo. E. Howard.	Envelopes Apparatus Cases Repairs	12. 15.
	Ed. S. Schmid	White rats	1
24	Jno. D. Adams	Traveling expenses	2.
	Orlando Fling	do	10.
25 26	Jas. C. Burneson	do	4.
26	Chicago Rock Island and Toyos Rwy Co	Transportation	
	Erie R. R. Co.	do	:
	Church & Stephenson	Lumber	73.
	American Ice Co.	Ice	23.
	Howard Laundry Co	Laundering	4.
	A C McClurg & Co	Pane	:
	The Publishers and Printers Engraving Co.	Engraving	14.
	Andrus & Church	Paper	
	T. S. Buck Manufacturing Co	Mounts	19.
	Geo. E. Howard Lamb & Tilden	Labels	1,625.
	I P Nawrath	Ink	2. 8.
31	J. P. Nawrath. Jno. Caldwell	Twine Services	30.
-	Lewis Smith: Geo. P. McCabe et al	do. Salaries.	5.
	Geo. P. McCabe et al	Salaries	6, 286. 250.
ine 1	F. W. Bicknell	Services	250.
2	F. W. Bicknell W. A. Smith W. D. Collyer	Services	9. 153.
- 2	M. W. Lang.	do.	153.
	B. F. Van Valkenburg	do	153,
	Levi Wells	do	153.
	Geo. M. Whitaker	00	127.
	Chas Thom	do	75. 75.
	W. W. Conyer M. W. Lang B. F. Van Valkenburg. Levi Wells Geo. M. Whitaker A. W. Bosworth Chas. Thom Jas. Hewes D. P. Steadom	do	90.
3	R. P. Steddom	do	153.
	Geo. C. Faville et al.	Salaries	298.
	N. K. Fegley et al.	do	265. 152.
	A T. Pitney et al	do	152. 450.
	Jas. Hewes. R. P. Steddom Geo. C. Faville et al. N. K. Fegley et al, F. W. Huntington et al. A. L. Pitney et al. Geo. W. Pope et al. W. H. Rose et al. T. B. Mahoney	dodo	450.
	W. H. Rose et al	do	1, 256.
	m	The 12 cm and 12 cm	8.

Date.	Name.	Nature of payment.	Total
1904.			
ine 3	W. E. Pratt	Hog rings	\$105
	Geo. E. Howard	Meat tags, etc.	747
	Henry Heil Chemical Co. Mallinckrodt Chemical Works.	Alcohol	
	Mallinckrodt Chemical Works	Chemicals	-
	The Chesapeake and Potomac Telephone Co. United States Express Co. Adams Express Co. Boyd Baldwin et al. Edw. P. Dowd et al.	Transportation	$\frac{1}{22}$
	Adams Express Co	do	28
4	Boyd Baldwin et al	Salaries	925
1	Edw. P. Dowd et al.	do	189
	U. G. HOUCK	Services	153
	W C Coodbyo	Don+	50
6	The Freidenwald H. B. Armsby et al L. R. Baker et al A. E. Behnke et al S. E. Bennett et al	Blanks	42
8	H. B. Armsby et al.	Salarus	191
	L. R. Baker et al.	110	3, 797 1, 255
	A. E. Bennett et al	dodo	7 700
	F. I. Bortrom et al	do	7,728 272
	Fred R Braginton et al	do	199
	V. L. Brown et al.	do	3, 20
	H. E. Brown et al.	do	2, 164
	Geo. Ditewig et al.	do	1,178
	O. E. Dyson et al.	do	10,024
	Jas. Fleming et al.	do	780
	S. E. Bennett et al.  Fred R. Braginton et al.  V. L. Brown et al.  H. E. Brown et al.  Geo. Ditewig et al.  O. E. Dyson et al.  Jas. Fleming et al.  L. K. Green et al.  H. A. Hedrick et al.	do	323 499
	H. A. Hedrick et al.	do	73
	W. J. Murphy et al	do	204
	Julius Huelsen et al. W. J. Murphy et al. W. N. Neil et al.	do	824
	H. N. Waller et al	do	824 3, 174
	B. P. Wende et al	do	814
	L. A. Robinson et al	do	1,35 1,069
	J. F. Ryder et al.	do	1,069
	Edw. P. Schaffter et al.	do	860
	Chas. A. Schaufler et al.	do	1, 253 2, 850
	W. J. Stewart et al.	Contrions	2,880
	W. J. Stewart et al. Geo. W. Butler. F. M. Perry	do	119
	G. W. Ward	do	119
	J. Wm. Fink	do	68
	H. F. Hume	do	6:
	H. D. Mayne	do	102
	A. J. Payne	do	136
	Wm. E. Smith	do	90 76
	Wm. H. Wade H. E. Alvord	Exponent	19
	Boyd Baldwin	do	1
	Marion Dorset	do	13
	H H Connec	a a	(
	I. P. Roosa	do	
	E. C. Schroeder.	do	10
	F. W. Bicknell	Traveling expenses	7.
	F. D. Ketchum	Horse hire, etc	28 28
9	M O Anderson et al	Salarias	189
9	Jas. J. Brougham et al	do	2, 214
	J. B. Claucy et al	.do	3,45
	F. L. De Wolf et al	do	268
	H. H. George et al	do	950
	W. H. Gibbs et al.	do	165
	Jas. S. Kelly et al.	do	26
	Geo. A. Johnson et al	00	957 490
	Joshua Miller et al.	do	1,359
11	F W Aingworth et al	do	53
11	D. C. Aver et al	do	4, 47
	Geo. S. Baker et al	do	470
	H. H. George I. P. Roosa E. C. Schroeder F. W. Bicknell F. D. Ketchum S. E. Bennett M. O. Anderson et al. Jas. J. Brougham et al. J. B. Claucy et al. F. L. De Wolf et al. H. H. George et al. W. H. Gibbs et al. Jas. S. Kelly et al. Geo. A. Johnson et al. Joshua Miller et al. H. D. Paxson et al. F. W. Ainsworth et al. D. C. Ayer et al. Geo. S. Baker et al. Robt. Darling et al. O. B. Hess et al.	do	204
	O. B. Hess et al.	do	422
	Chas. Keane et al	do	555
	Chas. Keane et al. F. D. Ketchum et al. Clarence Loveberry et al. A. B. Morse et al. J. O. F. Price et al. T. A. Shipley et al. Thos. W. Scott et al. N. C. Sorensen et al. C. H. Zink et al. Jno. A. Bell.	do	1, 197
	Clarence Loveberry et al	do	509 189
	A. B. Morse et al.	do	180
	T A Shipley et al	do	461
	Thos W Scott et al	do	193
	N. C. Sorensen et al	do	2,206
			55

Date.	Name.	Nature of payment.	Total.
1904.			
ne 11	D. Cumming. Jas. Johnston C. L. Morin. do. E. A. McDonald Ella Schwahn W. H. Wray. Clarence Loveberry W. D. Collyer U. G. Houck M. W. Lang H. D. Mayne Geo. W. Pope G. W. Vard D. C. Ayer S. W. Burt. O. E. Dyson	Services	\$40.0 127.8 102.2
	Jas. Johnston	do	127.8
	C. L. Morin	Managalina armana	102.2
	E A MaDonold	Sorving expenses	17.5
	Ella Schwahn	do	48. ( 28. ( 387. 5
	W. H. Wrav	do	387
	Clarence Loveberry	Expenses	20.
	W. D. Collver	Traveling expenses	20. 56.
	U. G. Houck	do	70.0
	M. W. Lang	do	162.0 16.7 17.4
	H. D. Mayne	do	16.
	Geo. W. Pope	do	17.
	G. W. Ward	Tring of Tring	2.9 15.0
	D. C. Ayer	Hire of Horse	25.0
	O E Dyean	do	25. (
	St. Louis National Stock Yards	Rent	50.0
	Trustees of Milk Street Trust	do	75.0
	A. E. Behnke	Hire horse, etc	35.0
	Jas. J. Brougham	do	40.0
	Geo. W. Butler	do	30.0
	Robt. Darling	do	25.0
	H. W. Hawley	do	32.0
	Chas. Keane	do	25.0
	Clarence Loveberry	T-2-1	50.0
	Geo. E. Howard	Labels	1,625.0 12.5
	S. W. Burt. O. E. Dyson. St. Louis National Stock Yards Trustees of Milk Street Trust. A. E. Behnke. Jas. J. Brougham Geo. W. Butler Robt. Darling. H. W. Hawley. Chas. Keane. Clarence Loveberry. Geo. E. Howard. L. L. Lochte. R. J. O'Brine & Bros. Co.	Repairs to wagon	12.
	Ino C Lorenzon	Oats Hire horse, etc	35
	Jn. C. Lorenzen J. R. Stafford W. H. Wray	do	30.1 35.1 10.0 2.1
13	W. H. Wrav	Expenses	2.
10	do.	Traveling expenses	36.
14	T. A. Geddes	Services.	213.0
	Geo. S. Baker	Trave'ing expenses	10.
	Chas. Cowie	d )	10. 3 9. 7
	do. T. A. Geddes. Geo. S. Baker Chas. Cowie Jas. Hewes.	āo	
	A. D. Melvin F. M. Perry H. T. Potter	do	18. 0 73. 0 14. 2 3. 2 5. 3 55. 8 137. 2 40. 0
	F. M. Perry	do	14. 2
	H. T. Potter	00	3.2
	R F Von Vellzenhurgh	do	5.6
	Levi Wells	do	137
	H. D. Payson	Expenses, May	40.0
	do	Expenses, February	1.
	H. T. Potter. Wm. E. Smith. B. F. Van Valkenburgh. Levi Wells. H. D. PaxsondoGeo. W. Pope W. H. Rose Jno. Caldwell. Lowis Smith	do	1. i 11. (
	W. H. Rose	do	15
15	Jno. Caldwell	Services	39.0
	Lewis Smith	do	5. ( 36. (
	F. L. Russell	Traveling expenses	36.0
18	Lewis Smith. F. L. Russell Julius Huelsen. Chas. Cowie	Expenses	8.6
10	H T Pottor	do	14. (
	H. T. Potter F. L. Russell Adams Express Co R. C. Ballantyne Barher & Ross	do	88 (
20	Adams Express Co.	Transportation	88. ( 34. 5 5. (
	R. C. Ballantyne	Stationery	5. (
	Barber & Ross Bausch & Lamb Optical Co. Ernest Betz do	Brass, etc. Funnels Making water baths	31. 6.
	Bausch & Lamb Optical Co	Funnels	31. 3
	Ernest Betz	Making water baths	6,
	do	Repairs	5.
	Capital Traction Co	Fare tickets	10.
	Wm H Coop	Donairing walls ats	46.
	do. Capital Traction Co. Chadwick Copying Book Co. Wm. H. Coon. L. S. Depue. do	Repairs. Fare tickets Books. Repairing walls, etc Oatsdo.	48. 96.
	do.	do	96.
	do	Meal, etc	75.
	do do	do Meal, etc Corn	60.0
	do	.00	
	W. H. Dyer	Door.	3. 2
	Edison Electric Illuminating Co	Electric lights	1.0 10.3 32.
	W. H. Dyer Edison Electric Illuminating Co. Chas. R. Edmonston	Jar rubbers	10.
	Eberhard Faber	Bands	32.
	Geo. E. Francis	Use horse, etc. Repairs to boiler. Chemicals	45.0
	Forsperg & Murray	Repairs to boiler	6. 3 9. 4
	W P Moses & Cons	Cheir	9.
	Eberhard Faber Geo. E. Francis. Forsberg & Murray Mackall Bros. W. B. Moses & Sons National Electric Supply Co D. F. Parker Mary E. Parker, executrix	Chair Repairs to motor	5.1
	D F Parker	Paper, etc	15.3 37.3 101.4
		Lapel, etc	01.

Date.	Name.	Nature of payment.	Total
1904.			
ne 20	Potomac Electric Power Co	Electric current	\$51.
	do Rudolph, West & Co	do	8. 7. 6.
	Rudolph, west & Co	Screens, etc. Water buckets, etc.	6
	Rudolph, West & CodododoZ. D. Gilman E. F. Goodall Harvard Laundry CoF. S. Howard Hooper, Lewis & CoLewis Keiser Jas. B. Lambie CoLibrary Rureau	Alcohol lamps	7.
	E. F. Goodall	Alcohol lamps Certificates, etc. Towel service.	8.
	Harvard Laundry Co.	Towel service	5.
	F. S. Howard	Corn	81.
	Hooper, Lewis & Co	Ink, etc Hogs Belting, etc	8.
	Lewis Keiser	Hogs	164 7.
	Jas. B. Lambie Co	Belting, etc	7.
	Library Bureau Littlefield, Alvord & Co Mallinekrodt Chemical Works Francis Miller	Cases, etc. Transportation Chemicals	171
	Mallingkrodt Chemical Works	Chamicals	3
	Francis Miller	Glass	$\frac{1}{1}$
	do	Oil	25
	C. A. Muddiman & Co	Oil Welsbach mantles	20
	Queen & Co. (Incorporated)	Chemicals	15
	Rand, McNally & Co	Ink, etc.	4
	Remington Typewriter Co	Ribbons	2
	Thos. R. Riley	Ink, etc Ribbons Lumber Blotters, etc.	3
	Francis Millerdo C. A. Muddiman & Co Queen & Co. (Incorporated) Rand, McNelly & Co. Remington Typewriter Co Thos. R. Riley Rockwell Barns Co. E. G. Schafer & Co Fred A. Schmidt Swayze, Balley & Co Edw. S. Schmid. A. H. Thomas Co. Washington Gas Light Co. Woodward & Lothrop.	Blotters, etc.	5 2 2
	E. G. Schafer & Co	Gate valves	2
	Fred A. Senmidt	Wax	2
	Swayze, Balley & Co	Pens, etc.	11
	A H Thomas Co	Rats Flasks, etc Gas	1
	Washington Cas Light Co	Coc	1 8 32
	Woodward & Lothron	Cloth etc	52
	E. Morrison Paper Co.	Cloth, etc. Memorandum books. Traveling expenses.	5
21	Wm. C. Siegmund	Traveling expenses	43
	Washington Gas Light Co Woodward & Lothrop. E. Morrison Paper Co Wm. C. Siegmund Orland Fling	Servicesdo	
22	Orland Fling A. J. Meyer Jno. C. Exline. W. D. McArthur W. J. Rutherford J. F. Ryder T. A. Geddes W. D. McArthur U. P. McMolor	do	65
23	Jno. C. Exline	do	29
	W. D. McArthur	do	240
	W. J. Rutherford	do	100
0.1	J. F. Ryder	Expenses	19
24	T. A. Geddes	Traveling expenses	37
	W. D. McArtnur	Ernangag	19 37 24
25	J. R. Mohler	Traveling expenses	
20	American Tee Co	Too	3 26
	American Ice Co. Campbell, Morrell & Co.	Expenses Traveling expenses Ice Oats, etc Labels Bolts, etc	32
	Geo. E. Howard	Labels	1,625
	Chas. Hubinger	Bolts, etc	19
	Western Union Telegraph Co	Service	7
29	Mackall Bros	Chemicals	43
	The Publishers and Printers' Engraving Co.	Engravings	5 2
	Geo. E. Bedell	Repairs to chairs	2
	Remington Typewriter Co	Paper, etc	52
200	W. H. Rupp & Co.	Ink.	1 34
30	W D Collyon	Services	148
	M W Lang	do	148
	B. F. Van Valkenburgh	do	148
	Levi Wells	do	148 148
	Geo. M. Whitaker	do	123
	Geo. E. Howard Chas. Hubinger Western Union Telegraph Co. Mackall Bros The Publishers and Printers' Engraving Co. Geo. E. Bedell Remington Typewriter Co. W. H. Rupp & Co. Jno. Caldwell W. D. Collyer M. W. Lang B. F. Van Valkenburgh Levi Wells. Geo. M. Whitaker Lewis Smith Geo. P. Cabe et al.	do	5
	Geo. P. Cabe et al.	Salaries	6, 167
	m + 1 % +1		264,480
	Total fourth quarter		204,400
004	Supplemental		
904. V 1	D E Colmon	Transling arranges	24
y 1	F W Ricknell	do	83
	Ino A Rushong	do	1
	Albert L. Pitney et al.	Salaries	469
2	D. E. Salmon F. W. Bicknell Jno. A. Bushong Albert L. Pitney et al A. D. Melvin A. W. Bosworth Chas. Thom Jno. M. Simpson	Traveling expenses	36.
-	A. W. Bosworth	Services	36. 75.
	Chas. Thom	do	75.
5	Jno. M. Simpson	Traveling expenses	3.
	W. S. Goodĥue	Rent	50.
	Jno. S. Martin & Co	do	126
	A. W. Bosworth Chas. Thom Jno. M. Simpson W. S. Goodhue Jno. S. Martin & Co M. Dorset Albert Dean et al. Geo. C. Faville et al. A. G. G. Richardson et al. Julius Huelsen et al	Expenses	20. 857. 288.
6	Albert Dean et al	Salaries	857
	Geo. C. Faville et al.	do	288
	A. G. G. Richardson et al.	do	341
	Julius Huelsen et al. W. H. Rose et al.	do	712. 1,215.
	W H KOSA AT 91	u0	1,210.

Date.	Name.	Nature of payment.	Total.
1001	Supplemental—Continued.  F. W. Huntington et al. G. W. Pope et al. Henry P. Armsbey et al. Geo. A. Johnson et al. Church & Stephenson Clark & Davenport. B. P. Wende. Henry E. Alvord Rice P. Steddom D. Cumming. Wm. L. Hiatt Louis A. Klein. Adolph Eichhorn Leshe J. Allem. E. M. Nighbert Robt. M. Raban Arthur T. Coleman Jno. A. Sloan Jno. L. Burgett W. E. Smith Jas. Hewes. U. G. Houck. Frank W. Brewer S. L. Blount. Dan. McCunningham W. D. Jorden Clarence A. Clawson Timothy C. Hays. Marion Imes. A. N. Irwin Geo. Jerome Chas. A. McCall Chas. Pearson Thos. A. Bray. Frank D. Owen W. B. Lincoln F. W. Hopkins A. H. Wallace Jno. V. Laddey Jno. H. Lowe Walter C. Bower L. R. Baker et al V. L. Brown et al H. N. Waller et al N. K. Fegley et al Chas. A. Schauffer et al Joshua Miller et al Boyd Baldwin et al Frank Braginton et al H. A. Hedrick et al S. E. Bennett et al O. E. Dyson et al H. A. Hedrick H. D. Mayne C. L. Morin U. G. Houck H. D. Mayne Jas. Hewes. C. L. Morin U. G. Houck H. D. Mayne Jas. Hewes C. L. Morin U. G. Houck H. D. Mayne Jas. Hewes C. L. Morin U. G. Houck H. D. Mayne Jas. Hewes C. L. Morin U. G. Houck H. D. Mayne Jas. Hewes C. L. Morin U. G. Houck H. D. Mayne Jas. Hewes C. L. Morin U. G. Houck H. D. Mayne Jas. Hewes C. L. Morin U. G. Houck H. D. Mayne Jas. Hewes C. L. Morin U. G. Houck H. D. Mayne Jas. Hewes C. L. Morin U. G. Houck H. D. Mayne Jas. Hewes C. L. Morin U. G. Houck H. D. Mayne Jas. Hewes C. L. Morin U. G. Houck H. D. Mayne Jas. Hewes C. L. Morin U. G. Houck H. D. Mayne Jas. Hewes C. L. Morin U. G. Houck H. D. Mayne Jas. Hewes C. L. Morin U. G. Houck H. D. Mayne Jas. Hewes C. L. Morin U. G. Houck H. D. Mayne Jas. Hewes C. L. Morin U. G. Houck H. D. Mayne Jas. Hewes C. L. Morin U. G. Houck H. D. Mayne Jas. Hewes C. L. Morin U. G. Houck H. D. Mayne Jas. Hewes Jos. O. Price et al J. Fertlee et al J. P. Wende et al		
1904. July 6	F W Huntington et al	Salaries	\$150.90
July 0	G. W. Pope et al.	- do	345, 30
	Henry P. Armsbey et al.	do	345.30 186.60
	Geo. A. Johnson et al	do	9, 93
7	Church & Stephenson	Lumber	84. 80
	Clark & Davenport	Linoleum	33.88
	Henry E. Alvord	do do	33, 88 135, 00 18, 08 148, 30
	Rice P. Steddom	Services.	148.30
	D. Cumming	do	25, 00 98, 90
	Wm. L. Hiatt	do	98.90
	Louis A. Klein	do	123, 60
	Loglio I Allon	do	110,40
	E. M. Nighbert	do	115. 40 123. 60 98. 90
	Robt. M. Raban	do	98.90
	Arthur T. Coleman	do	98.90
	Jno. A. Sloan	do	115, 40
	W F Smith	do	115.40 90.00
	Jas. Hewes	do	90.00
	U. G. Houck	do	90. 00 148. 30
	Frank W. Brewer	do	115, 40
	S. L. Blount	do	98.90
	Dan. McCunningham	do	98. 90 98. 90
	W. D. Jorden.	do	98.90
	Timothy C. Hays	do	115, 40 98, 90
	Marion Imes	do	115. 40
	A. N. Irwin	do	115, 40
	Geo. Jerome.	do	115.40
	Chas Pagragn	do	115.40
	Thos A Rray	do	115. 40 98. 90 123. 60
	Frank D. Owen	do	98.90
	W. B. Lincoln	do	115.40 123.60
	F. W. Hopkins	do	123, 60
	A. H. Wallace	do	94.78
	Ino H Lowe	do	123. 60 98. 90 98. 90
	Walter C. Bower	do	98. 90
8	L. R. Baker et al.	Salaries	3,800.74
	V. L. Brown et al.	do	2,715.20
	H. N. Waller et al.	do	2,715.20 3,026.48 257.10
	Ches A Schouffer et al	do	257.10
	Joshua Miller et al	do	489.50
	Edw. P. Dowd et al	do	1,213.00 489.50 182.90 895.00
	Boyd Baldwin et al	do	895.00
	Frank Braginton et al	do	192.80
	H. A. Hedrick et al.	do	192.80 482.90 848.80
1	A E Rohnko et al	do	1,289.10
	S. E. Bennett et al.	do	7, 205. 73 10, 212. 57 98. 90
	O. E. Dyson et al	do	10, 212, 57
	H. D. Mayne	Services	98.90
	C. L. Morin	do	98.90
	F W Bioknoll	dodo	74. 20 250. 00
	F. W. Huntington	Expenses	2.00
	H. A. Hedrick	do	11.15
9	H. D. Mayre	Traveling expenses	5.75 16.58
	Jas. Hewes	do	16.58
	U. C. Honels	do	17.55 97.82
	H. H. George	Evnences	97.82 24.85
	Fredk, Braginton.	do	24.80
	W. E. Hill	Services.	. 60 98. 90
	Jas. S. Kelley et al.	Salaries	257.10
	Trajan A. Shipley et al	do	257.10 446.70 496.20
	P. P. Words et al	do	496.20
	Chas Keene et al	do	2,067.05
	C. H. Zink et al	do	* 2,067.05 535.80 537.40 1,002.00
	J. F. Ryder et al.	do	1,002.00
	Albert Long et al	do	2,216.90
	Robt. Darling et al.	do	2,216.90 197.80 174.70
	Thos. W. Scott et al.	do	174.70
	Thos. W. Scott et al	do	189.60

Date.	Name.	Nature of payment.	Total
	Supplemental—Continued.  M. O. Anderson et al. W. B. Niles et al. Jas. Fleming et al. W. C. Honan L. K. Green et al. W. J. Murphy et al. Frank De Wolf et al. O. B. Hess et al. W. J. Gibbs et al. W. H. Gibbs et al. W. J. Stewart et al. W. J. Stewart et al. J. J. Brougham et al. Eli L. Bertram et al. Fredk. W. Ainsworth et al. Chas. Cowie H. H. George et al. Geo. Ditewig et al. Frank D. Ketchum et al. Jas. Irwin H. T. Potter F. M. Perry G. W. Ward Geo. W. Butler H. F. Hume F. D. Ketchumdo H. E. Alvord Jno. F. Ryder E. T. Davison W. J. Fretz H. E. Alvord Edw. O. Speake et al. N. C. Sorensen et al. Geo. S. Baker et al. Arthur B. Morse et al. Geo. A. J. Payne E. T. Davison Jon. F. Ryder E. T. Davison J. B. Clancy et al. Arthur B. Johnson et al. Harry D. Paxon et al. Don. C. Ayer et al. A. J. Payne E. T. Davison Jno. Freebone Jno. Pourier I. E. Rossell Jas. Johnston L. J. Drake Jos Pourier Oliver Tyon.		
1904. July 9	M O Anderson et al	Solorios	\$182
uly 5	W. B. Niles et al	do	446
	Jas. Fleming et al	do	747
	W. C. Honan	Services	747 74
	L. K. Green et al.	Salaries	313 197 257 408
	W. J. Murphy et al.	do	197
	P. Hogo et al.	do	257
	W H Gibbs at al	do	158
	W. J. Stewart et al	do	2.853
	Wesley N. Neil et al	do	2,853 794
11	J. J. Brougham et al	do	2,142
	Eli L. Bertram et al.	do	2, 142 272 508 64
	Fredk. W. Alnsworth et al	Commisse	508
12	H H George et al	Selerios	1 007
12	Geo Ditewig et al	do	1,007 1,236 1,167
	Frank D. Ketchum et al.	do	1, 167
14	Jas. Irwin	Services	82
	H. T. Potter	do	82 10 115
	F. M. Perry	do	115
	G. W. Ward.	do	115
	H F Hume	do	123 59 10
	F. D. Ketchum	do	10
	do	Use horse, etc	25
	H. E. Alvord	Traveling expenses	25 188 13
	Jno. F. Ryder	do	13
	E. T. Davison	do	80
	W. J. Fretz	Expanses	84 9 444
15	Edw O Speake et al	Salaries	444
	N. C. Sorensen et al	do	2,118 454 3,399
	Geo. S. Baker et al	do	454
	J. B. Clancy et al.	do	3,399
	Arthur B. Morse et al.	do	182
	Herry D. Payon et al.	do	982
	Don, C. Aver et al	do	4, 886
	A. J. Pavne	Services	131
	E. T. Davison	do	123
	Jno. Kneebone	do	1,315 4,886 131 123 67
	Jno. Pourier.	do	55
	F I Precell	dodo	123
	Jas Johnston	do	40 123
	E. J. Drake.	do	20 60 65
	Jos. Pourier	do	60
	Oliver Tyon.	do	65
	E. G. Ward.	00	62 48
	Warren I Fretz	do	118
	M. W. Lang	Traveling expenses	138
	Jas. Johnston	do	1
	H. T. Potter	do	5
	Chas. Cowie.	do	5
	C. W. Ward	do	90
	Ino D Adams	do	30
	O. B. Hess	do	31
	Boyd Baldwin	Expenses	Ş
	G. A. Johnson	do	3
	Clayenes Terrebonny	do	22
	Geo W Pone	do	44
	W. H. Rose	do	28
18	Harvard Laundry Co	Towel service	- 3
	Jas Johnston E. J. Drake Jos Pourier Oliver Tyon E. G. Ward E. A. McDonald Warren J. Fretz M. W. Lang Jas Johnston H. T. Potter Chas. Cowie G. W. Ward G. M. Whitaker Jno. D. Adams O. B. Hess Boyd Baldwin G. A. Johnson do Clarence Loveberry Geo. W. Pope W. H. Rose Harvard Laundry Co American Ice Co Z. D. Gilman Leidy S. Depue Geo. C. Howard	Ice	30 26 69
	Z. D. Gilman	Rubber gloves, etc	26
	Leidy S. Depue	Meal, etc	68
	Geo C Howard	Pen	45
	do	Tags, etc.	456
	Jas. S. Topham.	. Razor strop	1
	Potomac Électric Power Co	Current	68
	Leidy S. Depuedo Geo. C. Howarddo Jas. S. Topham Potomac Electric Power Co Washington Gas Light Co A. J. Myer. Marion Williams Leidy S. Depue.	Gas	38
	A. J. Myer	Services	65
	manon williams		193

Date.	Name.	Nature of payment.	Total.
	Supplemental—Continued.		
1904.	Jno. A. Bell W. D. Collyer B. F. Van Valkenburgh W. N. D. Bird Chas. W. Pagle, jr F. L. Russell H. M. Ball Jno. P. O'Leary Louis A. Robinson Benj. Howes Geo. S. Baker Edw. P. Schaffter Geo. W. Pope B. P. Wende J. F. Ryder Geo. C. Faville Wesley N. Niel N. C. Sorensen F. C. Schroeder	Convices	210
ıly 18	W D Collver	Traveling expenses	\$48. 23
	B F Van Valkenburgh	dodo	23. 44. 15.
	W. N. D. Bird	do	15.
	Chas. W. Pagle, jr	do	2. 15.
	F. L. Russell	do	15.
	H. M. Ball		1. 6.
	Louis A Robinson	do	3.
	Beni Howes	do	19.
	Geo. S. Baker	do	19. 13.
	Edw. P. Schaffter	do	9.
	Geo. W. Pope.	do	15.
	B. P. Wende	Expenses	3.
	Geo C Faville	do	4. 17.
	Wesley N Niel	do	1.
	N. C. Sorensen	do	1. 13.
	F. C. Schroeder Jas. J. Brougham Fred J. Goebel	do	
	Jas. J. Brougham	do	15.
	Fred J. Goebel	do	00.
	L. K. Green	do	29. 5.
	F. C. Schroeder Jas. J. Brougham Fred J. Goebel E. T. Davison L. K. Green T. A. Shipley Geo. S. Baker Geo. W. Pope Joshua Miller Arthur B. Morse Jas. Johnston W. E. Smith W. H. Wray Julius Huelsen H. N. Waller W. H. Wray Toole A. Geddes W. H. Wray Toole A. Geddes T. A. Shipley The Sioux City Stock Yard Co. Swift & Co. J. R. Stafford Silver Laundry and Towel Co. Sunset Telephone and Telegraph Co. Chas. A. Schauffler New England Telephone and Telegraph Co. do Nebraska Telephone Co. New York and New Jersey Telephone Co. Mallinckrodt Chemical Works Maryland Telephone and Telegraph Co. Mechants' Refrigerator Co. L. L. Lochte J. C. Lorenzen Clarence Loveberry Chas. Keane Kansas City Stock Yards Co.  Library Bureau Lowa Telephone Co. L. Lochte Lochte J. C. Lorenzen Clarence Loveberry Chas. Keane Kansas City Stock Yards Co. Library Bureau Lowa Telephone Co.	do	11. 2. 2.
	Geo. S. Baker.	do	2.
	Geo. W. Pope	do	2.
	Joshua Miller	do	8.
19	Arthur B. Morse	The making a suppose	10.
4.59	W F Smith	1 ravening expenses	1. 16.
	W. H. Wray	do	6.
	Julius Huelsen.	Expenses.	6. 7.
	H. N. Waller	do	16.
	W. H. Wray	do	23.
	Toole A. Geddes	Compies	5.
	Toolo A Coddos	services	375. 206.
	T A Shipley	Steel and knife	200.
	The Sioux City Stock Yard Co.	Rent	1. 60.
	Swift & Co	Service	3. 10.
	J. R. Stafford	Use horse, etc	10.
	Silver Laundry and Towel Co.	Service	3.
	Ches A Scharffler	Use horse etc	10. 105.
	New England Telephone and Telegraph Co	Service	12
	do	do	12. 57.
	Nebraska Telephone Co	do	13. 6.
	New York and New Jersey Telephone Co	do	6.
	Mallinckrodt Chemical Works	Chemicals	11
	Mandanhall Transfer Co	Dravaga	11. 4.
	Missouri and Kansas Telephone Co	Service	24.
	Merchants' Refrigerator Co	Storage	276.
	L. L. Lochte	Labor	19.
	J. C. Lorenzen	Use horse, etc	35. 50.
	Char Kaana	do	50.
	Kansas City Stock Yards Co	Rent	25. 99.
	do.	do	66
	Library Bureau	Cards	66. 17.
	Iowa Telephone Co	Service	12.
	Independent Stock Yard Co	Rent	75.
	do Library Bureau Lowa Telephone Co Independent Stock Yard Co H. J. Harwood J. I. Colcomb Manufacturing Co Gahan & Byrne Grand Trunk Rwy. System Glynn & Smith N. Rufus Gill	Sweeps.	12. 75. 62. 9.
	Gahan & Byrne	Rent	675
	Grand Trunk Rwy. System	do	675. 37.
	Glynn & Smith	Transportation	4.
	N. Rufus Gill. Frontier Towel Supply Co. Fowler Manufacturing Co.	Rent	31
	Frontier Towel Supply Co	Service	4. 5.
	H W Hawley	Use horse etc	5. 32.
	Fred B Miller & Bro	Service	32. 6.
	Underwood Typewriter Co	Repairing typewriter	4.
	Union Stock Yards and Transit Co	Rent.	375.
	Weehawken Stock Yards Co.	do. Use horse, etc. Service. Repairing typewriter Rent. Service	10.
	Fowler Manufacturing Co. H. W. Hawley Fred B. Miller & Bro. Underwood Typewriter Co. Union Stock Yards and Transit Co. Weehawken Stock Yards Co. Whitall Tatum Co. Queen & Co. (Incorporated) Rockwell-Barnes Co.	Rent.	30. 7.
	Whitall Tatum Co.	Flasks	7.
	Queen & Co. (Incorporated)	Alcohol Mucilage	6. 1.

Date.	Name.	Nature of payment.	Total.
	Supplemental—Continued.		
1904.		: 1	
uly 19	T. F. Rogers, agent. Stock Yard Hardware and Paint Co.	Rent	\$52.
	Stock Yard Hardware and Paint Co	Tacks, etc	1. 12.
	Scientific Engraving Co. St. Louis National Stock Yards Co.	Rent	50.
	St. Louis National Steek Fards Co.  O. E. Dyson. Indianapolis Telephone Co. Danforth & Co. Chicago Towel Supply Co. Chicago Telephone Co.	Tacks, etc. Engraving Rent. Use of saddle horse.	25.
	Indianapolis Telephone Co	Service	20.
	Danforth & Co	Transportation	22.
	Chicago Towel Supply Co	Towel service	57.
	Chicago Telephone Co	Service	7.
	Cutlon & Moilson Doint and Colon Co.	Doint	43
	Cudahy Packing Co Cincinnati Union Stock Yard Co Chadwick Copying Book Co Jas J. Brougham A. E. Behnke	Service	4
	Cincinnati Union Stock Yard Co	Rent	45.
	Chadwick Copving Book Co.	Books	46
	Jas. J. Brougham.	Use horse, etc	40
	A. E. Behnke.	do	35.
	do The Bell Telephone Co	Expenses	19.
	The Bell Telephone Co	Service	40.
	S. W. Burt. Baker Lockwood Manufacturing Co	Use saddle horse	25. 13.
	Roston Ice Co	Awnings	3
	Boston Ice Co Bay State Clean Towel Co S. E. Bennett	Towel service.	3
	S. E. Bennett.	Use horse, etc	28
	Geo. W. Butler Bourbon Stock Yards Co	do	30
	Bourbon Stock Yards Co	Rent	30
	Belt R. R. Stock Yard Co.	do	30
	Emma J. Adams et al	Dutter	120
	Armetrong Laundry	Butter Service	6
	Don C Aver	Use horse	15
	Armstrong Laundry. Don C. Ayer. Armstrong Co Chicago Car Seal and Manufacturing Co.	Service	12
	Chicago Car Seal and Manufacturing Co	Tags	91
	do	do	120
		do	79
	do	do	57
		do	53 196
	do	do	11
	do	do	65
	do	do	65
	The Fowler Packing Co.		4
	Geo. E. Francis	Use horse, etc	45.
	Emery Bird Thayer Dry Goods Co. East Buffalo Live Stock Exchange.	Sapolio	90.
	Eimer & Amend	Rent	5.
	Roht Darling	Sulphur, etc	25
	Robt. Darling Chicago Car Seal and Manufacturing Co. Trustees Milk Street Trust.	Tags	62
	Trustees Milk Street Trust.	Rent	81
		dO	75
20	Tooie A. Geddes	Traveling expenses	86
	Levi Wells		49 6
	E. C. Stevenson W. J. Rutherford	Services	100
	L. R. Baker	Evnences	6
	Geo. Ditewig	do	36
	Geo. Ditewig Rex Sanitary Appliance Co. Chesapeake and Potomac Telephone Co	Disinfectors	8 117
	Chesapeake and Potomac Telephone Co	Service	117
	do	do	1 87
	do  Remington Typewriter Co  Densmore Typewriter Co  Underwood Typewriter Co  C. T. There are the color of th	Repairing Note books	87 5
23	Denemora Typewriter Co	Repairs	5
	Underwood Typewriter Co	Cushions	0
	G. I. Inomson		3
	Edw S Schmid	Pigeong	1 3
	The Geo. W. Knox Express Co. Baltimore and Ohio R. R. Co.	Transportation	3
	Baltimore and Ohio R. R. Co.	do	18
	J. T. Walker Sons	Lime	19
	Woodward & Lothrop. Lutz & Co.	Repairing	12 5
	do	Leather	6
	The M. Lindsay Rubber Co.	Rubber	ı i
	E. Morrison Paper Co.	Ink wells	1 8 6 40
	do	Tog board	6.
	Rudolph, West & Co	Hinges, etc	40.
	Thos. Somerville & Sons	Tubing	12
	Jno. R. Mohler	Expenses	58 48
	C. A. Schaufler B. P. Wende	Traveling expenses	2.
	D. L. WORLD	Services	60

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Tota
	Supplemental—Continued.		
1904.	Bannaylyania P. B. Co	Passanger transportation	\$57
ıly 23	do	do	φο <sub>1</sub>
30	Pennsylvania R. R. CodoGalveston, Harrisburgh and San Antonio	do	ě
	Rwy. Co.		
	Iowa Central R. R. Co	do	2
	Rwy. Co. Iowa Central R. R. Co. Grand Trunk R. R. of Canada. New York, New Haven and Hartford R. R. Co.	Passenger transportation	12
	Pittsburg, Cincinnati, Chicago and St. Louis	do	5
	Chicago and Northwestern Rwy. Co	do	(
	Chicago and Northwestern Rwy. Co Chicago, Milwaukee and St. Paul Rwy. Co Chicago, Rock Island and Pacific Rwy. Co	Transportation	
	do	do	
	Chicago, Rock Island and Pacific Rwy. Co	Passenger transportation	
	New York Central and Hudson River R. R.	Freight	
	Co.	,	
	Union Line	00	
	Wahash R R Co	do	
	wabasii it. it. co	Passenger transportation	11
	do	do	14
	Louisville and Nashville R. R. Co	do	10
	do.	Transportation	1
	Burlington and Missouri Pivor P. P.	Transportation	1
	Chicago Great Western Rwy Co	do	
	Chicago and Alton Rwy. Co.	do	
	do	do	
	do	do	
	Illinois Control D. D. C-	do	
	do	do	
	Erie R. R. Co.	do	
	do	do	
	Chicago, Burlington and Quincy Rwy. Co	do	
	do	Deganger trongs exterion	1
	do	Transportation	
g. 1	Wm. Calkins	Services	5
	Frank Baggage	do	7:
	Henry Three Stars	do:	7:
	Jas. Wilde	Trovoling ownerses	7.
	B. H. Ransom	do	21 21
	Wm. C. Wooten	do	1
	Clarence O. Durfee	do	
	Orlando Fling	do	
	R. F. Eagle	Expanses	
	Louis Able	do	
	Hiram Jerome	do	10
	Jno R. Mohler	do	
0	U. E. Dyson.	do	20
2 3	Church & Stanbancon	Tumber	128
	Edw. S. Schmid.	Pigeons	22
	Jno. C. Parker	Paper, etc.	3
	Mackall Bros	Carbolic acid, etc	4
	M. Du Perow.	Lamps	11
6	A G G Pichardson	Matung	1.
0	and o	do	6
	F. D. Owen	Traveling expenses	
9	E. J. Drake	do	18
)	Chas. M. Day	do	30
1	A. G. G. Klenardson	do	14
	W. B. Viles	do	30
8	Albert Dean	Expenses	36
	Chas. M. Day	do	20
	Kate Holy Breath	Mare	20
9	J. A. Stauffer	Traveling expenses	10
9	Thos A Bray	00	48
	A. N. Irwin	do	36 39
	Jno. V. Laddey	do	43
1	do Chicago, Milwaukee and St. Paul Rwy. Co New York Central and Hudson River R. R. Co. Union Line	do	

## Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. BUREAU OF ANIMAL INDUSTRY, EXPENSES—Continued.

Date.	Name.	Nature of payment.	Tota
	Supplemental—Continued.		
1904. 1g. 9	Robt M. Robon		0.00
ıg. 9	Adolph Eichhorn	Traveling expenses	\$58
	Robt. M. Raban Adolph Eichhorn Chas. A. McCall	do	65
	Leslie J. Allen	do	48 68 38 57 21
	A. H. Wallace	do	57
	Emma Curran, administratrix	Rent	21
	Kansas City Stock Varde Co	do	16
	St. Joseph Stock Yards Co.	do	45 135
	Pittsburgh Union Stock Yards Co	do	4.5
	The Real Estate and Improvement Co	do	56
	Wm D Jandan	Tring have	56 56 78
	W B Nilae	Evnonces	13
	Fredk. W. Ainsworth	do	16
	Timothy C. Hayes	Traveling expenses.	2
	Wm. C. Hogan	do	19
	W. P. Ellenberger	do	20
	Claranca A Clawson	do	13 35
	Chas. Pearson.	do	26
	Arthur T. Coleman.	do	17
	Albert Dean	do	8
	Adolph Eichhorn Chas. A. McCall Leslie J. Allen A. H. Wallace Emma Curran, administratrix Knoxville Office Co. Kansas City Stock Yards Co. St. Joseph Stock Yards Co. St. Joseph Stock Yards Co. The Real Estate and Improvement Co. do. Wm. D. Jorden W. B. Niles Fredk W. Ainsworth Timothy C. Hayes Wm. C. Hogañ. W. P. Ellenberger. Jno. A. Sloan Clarence A. Clawson Chas. Pearson Arthur T. Coleman Albert Dean Wm. L. Hiatt. Frank W. Brewer Wm. D. Jorden Dan McCunningham Geo Jerome Louis Keiser.	do	14
	Wm D Jorden	do	51 63
	Dan McCunningham	do	39
	Geo. Jerome. Louis Keiserdo	do	4
10	Louis Keiser	Hogs	88 166
11	T. Enga Dow	Hogs do. Traveling expenses do do	166
11	L. Enos Day A. G. G. Richardson do	Expenses	62
	do	do	Ē
12	(ieo H (ilover	Services Copper sulphate Services Expenses	75
16	Z. D. Gilman	Copper sulphate	30
17	Z. D. Gilman Jno. F. Deadman J. F. Ryder	Services	30
	I B Cleney	do	18 24
	J. B. Clancy Geo. F. Muth & Co do	Ink	1
	do	Lead	1 12
	da	Load ata	45
	Rock & Co. E. J. Brooks & Co. R. A. Stoute The Consumers Co.	Transportation	90
	R. A. Stoute	Sheen, etc.	89 68
	The Consumers Co.		5
	do. E. T. Davison	Ice. Use horse, etc.	28 91
	E. T. Davison	Use horse, etc	91
	Thos. A. Bray	do	$\frac{75}{145}$
	G. F. Muth & Co Shannon & Axtell	Paints. Bran, etc. Paper	20
	D F Parker	Paper	20 27
	Chas. Hubinger Hanford Produce Co C. B. Hart	Screen wire, etc. Butter	10
	Hanford Produce Co	ButterRent.	10 36
	Wm E Proff		109
	Wm. E. Pratt Mackall Bros Jas. B. Lambie Co Barber & Ross	Hog rings Corks, etc Brooms	4
	Jas. B. Lambie Co	Brooms	6
	Barber & Ross	Wire, etc	19
	Bell Telephone Co., of Buffalo	Service	27
	New York Telephone Co	do	29 29
	New York and New Jersey Telephone Co	do	33
	Barber & Ross Bell Telephone Co., of Buffalo. City Telephone Co. New York Telephone Co. New York and New Jersey Telephone Co. Missouri and Kansas Telephone Co. Missouri and Kansas Telephone Co. Stephen L. Blount Jas. M. Pickens Jno. R. Mohler Louis A. Klein Mallinekrodt Chemical Works	do	12 19
	New York Telephone Co	do	
18	Stephen L. Blount	Traveling expenses	34
	Ino R Mohler	Expenses	23 37
	Louis A. Klein	Horse hire	75
	Louis A. Klein Mallinckrodt Chemical Works Phibbs, Gibson & Co. Chicago Car Seal and Manufacturing Co.	Horse hire Permanganate Rent	42
	Phibbs, Gibson & Co	Rent	42
	Chicago Car Seal and Manufacturing Co	Tags	73
	Voymon and Erba Manufacturing Co	Foldors	42
	do. Yawman and Erbe Manufacturing Co Henry Heil Chemical Co.	doFoldersPeptone	5
22	Jno. A. Bell. Frank L. Boone. Jno. B. Clancy. Western Union Telegraph Co. Edison Electric Illuminating Co.	Traveling expenses do Expenses	28
	Frank L. Boone	do	10
	T D Ol	Expenses	. 16
25 26	Jno. B. Clancy	Service. Electric light.	• 12

#### Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. BUREAU OF ANIMAL INDUSTRY EXPENSES-Continued.

Date.	Name.	Nature of payment.	Total.
1004	Supplemental—Continued.		
1904. Aug. 29	D F Parker	Paner	\$49.50
Sept. 14	D. F. Parker. United States Express Codo.	Transportation	12.16
*	do	do	1.05
	Cincinnati, Hamilton and Dayton Rwy. Co. Chicago and Great Western Rwy. Co. Chicago and Northwestern Rwy. Co. Southern Pacific Co.	do	8.00 6.50
	Chicago and Northwestern Rwy, Co	do	17.80
	Southern Pacific Co.	do	17.90
	do	do	26.85
	Southern Rwy. Co	do	8. 55 21. 15
	do. Louisville and Nashville R. R. Co	do	7.95
	New Orleans and Northeastern R. R. Co	do	18, 10
	Cincinnati, New Orleans and Texas Rwy Co. Great Northern Rwy. Co.	do	4.50
	Union Pacific R. R. Co.	do	3.35 6.70
	Chicago, Milwaukee and St. Paul Rwy, Co	do	16.85
	Chicago, Milwaukee and St. Paul Rwy. Co Red River, Texas and Southern Rwy. Co Pennsylvania R. R. Co.	do	26.80
	Pennsylvania R. R. Co	do	2.50
	The Pullman Co	do	2.80 3.52
	The Pullman Co. Chicago and Alton Rwy. Co.	do	.05
19	do	do	3.81
	do Chicago, Rock Island and Gulf Rwy. Co. Chicago, Rock Island and Pacific Rwy. Co. Chicago and Northwestern Rwy. Co.	do	1.93
	Chicago, Rock Island and Pacific Rwy. Co	do	4.60 2.78
	dodo	do	8.53
	do		7.61
	do	do	1.74
	do Burlington Route, Missouri Line	do	4.73 .83
	do	do	9.10
	do Burlington and Missouri River R. R	do	1.73
	Burlington and Missouri River R. R	do	1.10
	do do	do	15. 57 7. 63
	do	do	1.06
	do	do	15. 27
	Missouri Pacific Rwy. Codo.	do	32.63
	do	do	4, 93 1, 84
	do. Chicago, Milwaukee and St. Paul Rwy. Co	do	2.95
			10.60
	The Atchison, Topeka and Santa Fe Rwy. Co.	do	4.10 10.38
	Baltimore and Ohio R R Co	do	2.09
	The Atchison, Topeka and Santa Fe Rwy. Co. Baltimore and Ohio Southwestern R. R. Co. Baltimore and Ohio R. R. Co. New York, New Haven and Hartford R. R. Co	do	6.06
	do	d0	3.60
	do. Illinois Central Rwy. Co.	00	. 25
	Chicago, Rock Island and Pacific Rwy, Co.	Passenger transportation	. 51 43. 40
20	Chas. Edmonston	Can and bucket	2,60
	Eimer & Amend	Mono butvrin	. 35 53, 45
24	Adams Express Co. Western Union Telegraph Co.	Transportation	53, 45 12, 53
28	J. C. Milnes.	Expenses	6.75
	do	Expenses Traveling expenses	23.67
	(D) (4.1)		04.054.00
	Total supplemental	•••••	91, 254. 86

#### RECAPITULATION.

Total, first quarter Total, second quarter Total, third quarter Total, fourth quarter Total, supplemental	334, 632, 32 299, 843, 66 264, 480, 47
Total	1, 198, 425, 04

### BUREAU OF ANIMAL INDUSTRY—TO ERADICATE CONTAGIOUS DISEASES OF ANIMALS.

Date.	Name.	Nature of payment.	Total.
1903.	Geo. P. McCabe. Ira K. Atherton. H. M. Ball. Ernest D. Everett. Saml. E. Bennett et al. Ira K. Atherton U. G. Houck. Curtis & Lyons Mc Donald's Stables Chas. H. Paquin Harry A. Pierce. Thos. Bryant Rice P. Steddom Ralph D. Stoughton W. M. H. Seabrook Jos. J. Rieman Geo. W. Toomey Moses A. Reed Harry F. Tilden McManus Bros Asa Pingree David R. Simmons Chas. W. Rice. H. W. Hutson. Martin M. Weleh Saml. L. Fowle W. H. Higgins do A. L. Cook		
ulv 28	Geo. P. McCabe.	Traveling expenses	\$33.
29	Ira K. Atherton	do	38.
	H. M. Ball.	do	38. 52. 6.
ug. 4	Saml. E. Bennett et al	Salaries	3,743.
ug. I	Ira K. Atherton	Services.	11.
	U. G. Houck.	do	11. 151.
	Curtis & Lyons	Use horse and buggy	17.
	Chas H Paguin	do	24. 38. 100.
	Harry A. Pierce	do	100.
	Thos. Bryant	do	7. 151. 62.
10	Rice P. Steddom	Services	151.
	W M H Seebrook	do	54.
	Jos. J. Rieman	do	4.
14	Geo. W. Toomey	Use horse and buggy	20.
	Moses A. Reed	do	17.
	Harry F. Tilden	do	15. 33.
	Asa Pingree	do	21.
	David R. Simmons	do	17.
	Chas. W. Rice.	do	21 12
	H. W. Hutson	do	12
	Saml I. Fowle	do	6 26
	W. H. Higgins	do	21
	do	d'o	24
	A. L. Cook	do	16 10
	P. W. Packard	Traveling expenses	31
	Jasper J Smart	Use horse and buggy	22
	Geo. E. Wager	Traveling expenses	20
	Thos. Coyle.	do	2 26
15	Geo. P. McCabe	.:do	26
19	Franklin Rubber Co	Coat etc	6
	Jacob Lacker	Milk cans	1 6 5
	Geo. M. Dishong	Traveling expenses	20
	Geo. T. Hanton	do	53
	Fronk I. Shinn	do	36 20
21	Thos. L. Rice	do	21
	J. Wm. Fink	do	90
22	Emerson J. Cary	do	111
	Rice P Steddom	do	28 91
	Frank H. Burleigh	do	15
	Geo. A. Johnson	do	128
0.4	U. G. Houck	do	140
24	M. Imas	do	124 141
	Wm. C. Seigmond	do	59
	Andrew Hyde	do	120
	David S. Kanstoroom	do	109 129
	A. L. Cook. S. E. Bennett Jasper J. Smart. Geo. E. Wager Thos. Coyle. Geo. P. McCabe. Eastern Drug Co Franklin Rubber Co Jacob Lacker. Geo. M. Dishong Geo. T. Hanton. A. F. Martin Frank L. Shipp. Thos. L. Rice J. Wm. Fink. Emerson J. Cary Milton T. Perry. Rice P. Steddom Frank H. Burleigh Geo. A. Johnson U. G. Houck. L. Enos Day. M. Imes. Wm. C. Seigmond. Andrew Hyde. David S. Kanstoroom Russell G. Lawton Adolph Eichhorn Clarence O. Durfee A. M. MeBride. Harry N. Waller H. Q. Thompson A. N. Irwin Jno. A. Kiernan Jno. P. O'Leary.  —do Jon. V. Laddey. Trustees of Milk Street Trust.	do	110
	Clarence O. Durfee	do	110 119
	A. M. McBride	do	141
	Harry N. Waller	do	104 39
25	H. Q. Tnompson	do	39 144
20	Jno. A. Kiernan	do	144
	Jno. P. O'Leary	do	144 40
	do	do	106
	Trustoes of Milk Street Trust	Ront	167 75
26	Alex. E. Wight	Traveling expenses	75 79
	Lewis L. Bullard	do	3.
28	W. M. H. Seabrook	Services	4.
20	Jno. P. O'Learydo Jno. V. Laddey. Trustees of Milk Street Trust. Alex. E. Wight. Lewis L. Bullard W. M. H. Seabrook J. W. Gibbs. Geo. P. McCabe. D. E. Salmon Patk. H. Mullowney W. H. Hersey. Fredk L. Stevens.	Use horse and buggy	20.
29 pt. 1	D E Salmon	do do	51
рь. 3	Patk. H. Mullowney.	do	51. 97.
	W. H. Hersey	do	25.
	Fredk L. Stevens.	do	43.
9	Fredk L. Stevens. Rice P. Steddom S. E. Bennett Thos. Coyle Jno. E. Kiernan.	Services	151. 31.
10	Thos Covle	dodo	5, 166

#### Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. BUREAU OF ANIMAL INDUSTRY-TO ERADICATE CONTAGIOUS DISEASES OF ANIMALS-Continued.

Date.	Name.	Nature of payment.	Total.
1903.	Saml. E. Bennett et al. Geo. T. Hanton et al. Geo. R. Tyzzer R. F. Brennan et al Fredk. Herrick Frank E. Darling Ralph D. Stoughton U. G. Houck Geo. T. Hanton Geo. M. Dishong Rice P. Steddom Geo. A. Johnson A. N. Irwin Geo. E. Wager Frank L. Shipp Adolph Eichhorn J. W. Fink		,
Sept. 10	Saml. E. Bennett et al	Salaries	\$2,334.8
	Geo. T. Hanton et al	do	550. 4
11	Geo. R. Tyzzer	Use horse, etc	6.00
16	R. F. Brennan et al	Salaries	30.0
	Fredk. Herrick	Services	2.00 18.00
	Frank E. Darling	do	18.0
	Raiph D. Stoughton	00	40.0
	U. G. Houck	Traveling arrange	151.66 52.2
	Geo. T. Hanton	Traveling expenses	02.2
	Dies D. Staddem	dodo	20.1
	Can A Johnson	do	109. 0 108. 5
	A M Invin	do	63.0
	Goo F Wager	do	22.0
	Frank I. Shinn	do	22. 0 20. 7
	Adolph Fighborn	do	155.8
	I W Fink	do	139.1
17	J. W. Fink. Trustees of the Milk Street Trust. Clarence O. Duree Louis L. Bullard	Pant	75.0
1.	Clarence O Duree	Traveling expenses	
	Louis L. Bullard	do	3 1
	Emerson J Carv	do	3.1.
	A. McBride	do	49.1
	Fredk, L. Stevens	do	45. 2
19	Clarence O. Duree Louis L. Bullard Emerson J. Cary A. McBride Fredk L. Stevens New York, New Haven and Hartford R. R. Co New York Central and Hudson River R. R. Co M. Imes Alex. E. Wight L. Enos Day D. S. Kanstoroom J. S. Henry W. W. Bessey & Son Houghton & Dutton G. A. Shackford & Son C. A. Dennen Frank H. Burleigh Russell G. Lawton Jno. V. Laddey L. Enos Day U. G. Houck Walter H. Hersey Martin Dillon New England Telephone and Telegraph Co Geo. R. Tyzzer	Passenger transportation	15.00
	New York Central and Hudson River R. R. Co	do	2. 7
22	M. Imes	Traveling expenses	2. 73 135. 1
	Alex. E. Wight	do	38.3
	L. Enos Day	do	43.1
	D. S. Kanstoroom	do	79. 70 120. 73 13. 50
24	J. S. Henry	Cows, etc	120. 7
	W. W. Bessey & Son	Use horse and buggy	13.5
	Houghton & Dutton	Cot, etc	7.13
	G. A. Shackford & Son	Use horse and buggy	14.0
	C. A. Dennen	Cows, etc	225.1
	Frank H. Burleigh	Traveling expenses	14.5
	Russell G. Lawton	'do	170.8
	Jno. V. Laddey	do	166.1- 111.7
28	II C Hough	do	170.2
40	Wolter H Harrow	do	14.6
	Martin Dillon	Commisse	14.0
	New England Telephone and Telegraph Co	Sarvina	4.0 20.7
	Geo R Tyzzer	Cattle	152.6
	Geo. 10. 1 yabet	Cattle	102.0
	Total, filot qualters		13,957.5
Oct. 9	Saml. E. Bennett et al. Frank E. Darling Rice P. Steddom	Calarias	2 464 2
Oct. 5	Frank F Darling	Sararies	2, 464. 3
	Rice P Steddom	do	60.0 146.8
	U G Houck	do	146.8
16	J Wm Fink	Traveling expenses	177.5
10	Thos. Covle	do	177.5 23.8
	S. E. Bennett	do	39.3
	Andrew Hyde	do	127.6
19	Lewis L. Bullard	do	11.9
	Rice P. Steddom U. G. Houck J. Wm. Fink Thos. Coyle S. E. Bennett Andrew Hyde Lewis L. Bullard Jno. V. Laddey Frank L. Shipp Geo. E. Wager Walter H. Hersey Thos. L. Rice Geo, T. Hanton	do	11. 9. 186. 6
	Frank L. Shipp.	do	17.6
	Geo. E. Wager	do	23. 70 15. 9
	Walter H. Hersey	do	15.9
	Thos. L. Rice	do	48.6
	Geo. T. Hanton	do	51.4
	Geo. M. Dishong	do	17.10
21	C. McNally et al.	Salaries	6.00
	U. G. Houck	Traveling expenses	17. 10 6. 00 107. 73
	Chas. B. Hutchinson	do	14.9
	Pice P. Ctaddem	do	16.30 90.2
	M Imag	do	90. 2
	Emarcon I Cary	do	124.90 165.69
		do	74.1
99	Fredk I. Stevens	······au	74.1- 92.80
22	Fredk. L. Stevens	do	94.8
22	Fredk. L. Stevens Andrew Hyde. Russell G. Lawton	do	176 6
22	Fredk. L. Stevens. Andrew Hyde. Russell G. Lawton F. N. Adams	do do	176.6
22	Fredk, L. Stevens. Andrew Hyde. Russell G. Lawton F. N. Adams. Burditt & Williams Co.	do do do Lanterns	176.6 25.0
22	Fredk. L. Stevens. Andrew Hyde Russell G. Lawton F. N. Adams Burditt & Williams Co. Cutter & Cutter	do do do Lanterns Suit cases	176.67 25.00 6.00 5.60
22	Fredk, L. Stevens. Andrew Hyde Russell G. Lawton F. N. Adams Burditt & Williams Co. Cutter & Cutter Ames Plow Co.	do do do Lanterns Suit cases Wilking tube	176.6 25.0 6.0 5.6
22	Fredk. L. Stevens. Andrew Hyde. Russell G. Lawton F. N. Adams. Burditt & Williams Co. Cutter & Cutter. Ames Plow Co. Franklin Rubber Co.	do do do Lanterns Suit cases Milking tube Boots	176.6 25.0 6.0 5.6 .6
22	Fredk. L. Stevens. Andrew Hyde. Russell G. Lawton F. N. Adams. Burditt & Williams Co. Cutter & Cutter Ames Plow Co. Franklin Rubber Co. Eastern Drug Co.	do d	176.6 25.0 6.0 5.6 .6 25.1 24.7
22	Walter H. Hersey. Thos L. Rice Geo, T. Hanton Geo, M. Dishong C. McNally et al U. G. Houck Chas. B. Hutchinson Frank H. Burleigh M. Imes Emerson J. Cary Fredk. L. Stevens Andrew Hyde. Russell G. Lawton F. N. Adams Burditt & Williams Co. Cutter & Cutter Ames Plow Co. Franklin Rubber Co Eastern Drug Co. Geo. A. Johnson Jno. P. O'Leary.	do do Lanterns Suit cases Milking tube Boots Chemicals Traveling expenses	176.6 25.0 6.0 5.6 .6 25.1 24.7 106.2

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. BUREAU OF ANIMAL INDUSTRY—TO ERADICATE CONTAGIOUS DISEASES OF ANIMALS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
ct. 24	Clarence O. Durffee	Traveling expenses	\$178.
	Adolph Eichhorn	Rent.	182. 75.
	Adolph Eichhorn Trustees of Milk Street Trust Geo. R. Tyzzer	Flooring etc	170
	New England Telephone and Telegraph Co.	Service.	4. 48. 52.
	Geo. R. Tyzzer  New England Telephone and Telegraph Co.  Smith & Thayer Co.  Wm. T. Carley.  Frank E. Darling.  Boston and Maine R. R. Co.  Pennsylvania R. R. Co.  S. E. Bennett  do.  Thos. Coyle.  Henry C. Brown  Rice P. Steddom  D. E. Salmon	Flooring, etc. Service. Rubber cups, etc. Feed.	48.
0.5	Wm. T. Carley.	Feed	52.
27 31	Frank E. Darling	Services. Transportation. Passenger transportation. Traveling expenses.	34, 19,
91	Pennsylvania R R Co	Passenger transportation	12
	S. E. Bennett	Traveling expenses.	40.
	do	Sarvices Traveling expenses de do Expenses Services	168
ov. 3	Thos. Coyle	Traveling expenses	
1	Henry C. Brown	do	6 76
4	D. E. Salmon. Rice P. Steddom. Chas. B. Hutchinson.	Expenses	6
4 7	Rice P. Steddom	Services	97.
	Chas. B. Hutchinson	do	35
10	Geo. A. Johnson et al	Salaries	1,927
16	Walter H. Hersey	Traveling expenses	12 19
- 0	Geo. E. Wager	d0	25
	Patrick H. Mullowney.	do	69
	J. Wm. Fink	do	134
177	D. F. Salmon Rice P. Steddom Chas. B. Hutchinson Geo. A. Johnson et al Walter H. Hersey. Frank L. Shipp Geo. E. Wager Patrick H. Mullowney J. Wm. Fink Geo. M. Dishong Jno. P. O'Leary. Geo. A. Johnson Patrick H. Mullowney do. Geo. H. Hanton Fredk. L. Stevens Harry Q. Thompson do. Andrew Hyde Clarence O. Durffee Emerson I. Cary Chas. B. Hutchinson Adolph Eichhorn Chas. F. Flocken M. Imes Russell G. Lawton The Bay State Clean Towel Co.	do	20 98
17	Goo A Johnson	do	104
	Patrick H. Mullowney	do	75
	do	do	78
18	Geo. H. Hanton	do	60
10	Fredk. L. Stevens	Ob	33
19	Harry Q. Thompson	do	64 31
	do	do	52
	Andrew Hyde	do	97 131
	Clarence O. Durffee	do	131
	Emerson I. Cary	do	146
	Adolph Fighhorn	do	21 133
	Chas, F. Flocken	do	4
	M. Imes	do	159
	Russell G. Lawton	do	175
23	The Bay State Clean Towel Co	Towel service	10 5
	Frank L. Whitford	Services	8
	Jno. M. Perley.	Lime	8
	Geo. H. Taylor	Pipe, etc	4
	Trustees of Milk Street Trust	Rent	75 20
	Wakefield Water Co	do	9
25	Frank H. Burleigh	Traveling expenses	9
27	Jno. V. Laddy	do	134
30	Western Union Telegraph Co	Service	2
ec. 3	New England Tolonhone and Tolograph Ca	do	3
	dodo.	do	6
12	Andrew Hyde	Traveling expenses	3
16	Leonard Pearson	Service.	162
17	Burditt & Williams Co	Knife	5
18	The Pullmen Co	Passanger transportation	6
10	New York, New Haven and Hartford R. R.	do	24
	Chas. F. Flocken M. Imes. Russell G. Lawton. The Bay State Clean Towel Co. E. E. Tyzzer. Frank L. Whitford. Jno. M. Perley. Geo. H. Taylor. Trustees of Milk Street Trust. Geo. R. Tyzzer Wakefield Water Co. Frank H. Burleigh Jno. V. Laddy. Western Union Telegraph Cododo. New England Telephone and Telegraph Cododo. Andrew Hyde Leonard Pearson Burditt & Williams Co. Boston and Maine R. R. Co. The Pullman Co. New York, New Haven and Hartford R. R. Co. Pennsylvania R. R. Co.	do	24
	Total second quarter		10,212
1904.	Total second quarter		10,212
an. 16	Frank L. Stevens	Traveling expenses	2
	Total third quarter		2
	RECAPITULA	TION.	
otal firs	st quarter		\$13,957
otal can	ond quarter ird quarter		10,212
otal sec	ond quarter		/

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY—TO ERADICATE CONTAGIOUS DISEASES OF

ANIMALS, 1904-5.

	Name.	Nature of payment.	То
904.			
. 19	H. P. Simmons.  New England Telephone and Telegraph Codo.  W. W. Crandall.  J. V. Laddey.  Geo. E. Totten.  Jos. W. Parker.  H. B. Adair.  Peter I. Korshner.	Mare	
	New England Telephone and Telegraph Co	servicedo	
26	W. W. Crandall	Traveling expenses	
. 3	J. V. Laddey	Services	
	Geo. E. Totten	do	
	H B Adoir	do	
	Peter I. Kershner	do	
	Louis Metsker	do	
	Peter I. Kershner Louis Metsker Clarence A. Clawson Ernest J. Foreman	do	
	Ernest J. Foreman	do	
	A. N. Irwin W. L. Johnson Chas. A. McCall Thos. S. Rich	do	:
	Chas. A. McCall	do	
	Thos. S. Rich.	do	
	Geo. Jerome	do	:
	Thos. S. Rien Geo. Jerome Laomer West Chas. A. Brown A. A. Holoombe Clinton H. Bugbee	do	
5	A. A. Holcombe	do	
6	Clinton H. Bugbee	do	
	Emerson J. Cary.	do	
	Emerson J. Cary W. S. Cass Horace H. Collins Wilton F. Crewe Chas. W. Deming Roy N. Drake Frank C. Eells Jas. F. Ellis W. R. Fleming J. J. Hayes. Walter E. Howe	do	
	Wilton F. Crewe	do	
	Chas. W. Deming	do	
	Roy N. Drake	do	
	Ige F Filie	do	:
	W. R. Fleming	do	
	J. J. Hayes	do	
	Walter E. Howe David R. Hodges Wilber H. Hurst	do	
	David K. Hodges	do	
	Ernest N. Hutchinson	do	
	J. Otis Jacobs.	do	
	Ernest N. Hutchinson J. Otis Jacobs Wm. F. Jones Jno. A. Kiernan	do	
	Jno. A. Klernan	do	
	Thos. J. Lowry	do	
	Jno. McBirney.	do	
	S. W. McClure	do	
	Henry R. McNally	do	1
	Jno. A. Kiernan. Matthias S. Lantz Thos. J. Lowry Jno. McBirney. S. W. McClure. Henry R. McNally Jay Merrill Russell J. Merrill Isaac C. O'Rourke H. J. Hammond. Morris T. Hascall	do	
	Isaac C. O'Rourke	do	]
	H. J. Hammond	do	1
	Morris T. Hascall	do	1
	F. O. Pettev	do	-
	A. J. Pistor	do	1
	Wm. F. Pflaeging	do	
	K. A. Kamsay Isajah Richards	do	
	Morris T. Hascall Frank Parker F. O. Pettey A. J. Pistor Wm. F. Pflaeging R. A. Ramsay Isaiah Richards A. J. Smith Nathl, B. Smith N. L. Townsend	do	]
	Nathl. B. Smith.	do	1
	N. L. Townsend	do	1
	Thos White	do	-
	Alex. E. Wight	do	1
	W. W. Worcester	do	j
	Geo. S. Hickox et al.	Salaries	i
9	E. T. Davison et al.	do	2
11	Wm. Proudfoot	Expenses.	
	do	Traveling expenses	
	Nathl. B. Smith N. L. Townsend Robt. H. Treacy Thos. White. Alex. E. Wight W. W. Worcester Geo. S. Hickox et al E. T. Davison et al Allen A. Holcombe Wm. Proudfoot. Clarence Loveberry Allen A. Holcombe Warren J. Fretz.	do	
	Allen A. Holcombe	do	
	E. T. Davison	do	
	Allen A. Holcombe Warren J. Fretz. E. T. Davison Clarence Loveberry F. Auerhach & Bro E. T. Davison Horace H. Collins Jay Merrill Frank C. Eells Isaac O'Rourke Wm. F. Pflaeging.	do	
12	F. Auerbach & Bro.	Rent	
	E. T. Davison	Use horse and buggy	
	Invace H. Couins	Traveling expenses	
	Frank C. Eells	do	

Date.	Name.	Nature of payment.	Tota
1904.			
'eb. 12	F. O. Pettey	Traveling expenses	\$2
	Frank Parker H J. Hammond L K. Green W R. Dennis	do	1: 3: 1:
	H. J. Hammond.	do	3
	L. K. Green	do	1:
	W K. Jennis Wm. F. Crewe. Wm. F. Jones. Geo. S. Hickox. Clinton H. Bugbee Jno. A. Kiernan Jno. McBirney S. W. McClure. Russell G. Merrill L W. O'Rourke	do	3
	Wm. F. Crewe	do	20
15	Will. F. Johnes.	Expanses	2
10	Clinton H Rughoo	Travaling avnances	5
	Ino A Kiernan	do	5
	Jno. McBirney	do	8
	S. W. McClure	do	5
	Russell G. Merrill	do	30
	I. W. O'Rourke	do	6
	Nathanl. B. Smith	do	6
	Robt. H. Treacy	do	5
	Russell G. Merrill I. W. O'Rourke. Nathanl. B. Smith Robt. H. Treacy R. A. Ramsay Alex. E. Wight Hugh M. Rowe Emerson J. Cary Lowell Clarke. Chas. W. Deming. S. D. Gillett	do	8
	Alex. E. Wight	do	1.
	Hugn M. Rowe	00	4
	Linerson J. Cary	do	7: 9:
	Chas W Daming	do	2
	S D Gillett	do	3
	M. T. Hascall	do	3 2 8
	Geo. S. Hickox	do	8
	David R. Hodges	do	7
	Chas. W. Demmg S. D. Gillett M. T. Hascall Geo. S. Hickox David R. Hodges Walter E. Howe Wilber H. Hurst Ernest N. Hutchinson I Otis Leachs	do	2 3 7
	Wilber H. Hurst	do	3
	Ernest N. Hutchinson	do	7
	J. Otis Jacobs	do	6:
17	Leomer West	do	3: 6- 4:
	Henry R. McNally	do	6
	A. J. PISTOT.		2
	W W Woroster	do	2
	Ino V Ladday	do	9
	M. S. Lantz	do	2 2
	Ernest N. Hutchinson. J. Otis Jacobs Leomei West. Henry R. McNally. A. J. Pistor Thos. White. W. W. Worcester. Jno. V. Laddey. M. S. Lantz. Chas. A. McCall Louis Metsker	do	
	Louis Metsker	do	
	Jos. W. Parker	do	
	Theo. S. Rich	do	
	Jos. W. Parker Theo. S. Rich Geo. E. Totten Clarence A. Clawson	do	4
	Clarence A. Clawson	do	1
	Ernest J. Foreman. A. N. Irwin Geo. Jerome.	do	Ţ,
	A. N. 1rwin		2
	W. L. Johnson	do	1
	D-4 T T7	4 -	1 2
	Chas. A Brown	do	ĩ.
18	Colorado and Southern Rwy, Co	Passenger transportation	2
19	A. J. Smith.	Traveling expenses	10
	N. L. Townsend.	do	6
	Isaiah Richards	do	
	Chas. A. Brown. Colorado and Southern Rwy. Co. A. J. Smith N. L. Townsend Isaiah Richards J. Otis Jacobs.	do	4
	J. Otis Jacobs W. R. Fleming W. W. Worcester Jas. E. Ellis W. S. Cass M. H. Clifford Russell G. Merrill Thos. O'Rourke Geo. S. Hickox Thos. J. Lowry Law Marrill	do	3
20	W. W. Worcester	do	3 5
00	Jas. E. Ellis	do	3
23	W. S. Cass	Ctallian	2
	Pussell C Marrill	Use horse etc	2
	Thos O'Rourko	Stallion	2
ar. 2	Geo. S. Hickox	Traveling expenses	
	Thos. J. Lowry	do	4
	Jay Merrill	do	8
	W. J. Muldoun	do	8
	W. S. Cass	do	8
3	Jay Mervill W. J. Muldoun W. S. Cass. Geo. W. Browning Chas. A. Brown Leslie J. Allen H. B. Adair. W. L. Hist+	Services	11
	Chas. A. Brown	do	79
	Leslie J. Allen	do	119
	H. B. Adair	do	119
	W. L. Hiatt.	do	9
	E. J. Foreman.	do	11 11
	Fronk W Brower	dodo	11
	Stanhan I. Blount	do	9.
	W. L. HIAW. E. J. Foreman Clarence A. Clawson. Frank W. Brewer Stephen L. Blount Jno. L. Burgett A. N. Irwin Marion Imes	do	11
	A. N. Irwin	do	111
			11

Date.	Name.	Nature of payment.	Total.
1904.		·	
Mar. 3	W. D. Jorden Geo. Jerome W. L. Johnson Louis A. Klein Peter I. Kershner Jno. V. Laddey Chas. A. McCall Louis Metsker Dan McCunningham Jos. W. Parker Theo. S. Rich Geo. E. Totten Leomer West Arch H. Wallace Jno. Kneebone Albert Dean et al A. G. G. Richardson et al Thos. A. Bray. Wm. M. McKellar Jno. A. Sloan	Services	\$95.60
	W. L. Johnson	do	95.60 111.60
	Louis A. Klein	do	111.60
	Peter I. Kershner	do	119.60 119.60
	Chas. A. McCall	dodo	111.60
	Louis Metsker	do	111.60 119.60
	Dan McCunningham	do	95.60 119.60
	Theo, SRich	do	111.60
	Geo. E. Totten	do	111.60 119.60
	Leomer West	do	95.60 111.60
	Jno. Kneebone.	do	65.00
	Albert Dean et al	Salaries	655.00
	Thos A Bray	Services	330.00 119.60
	Wm. M. McKellar	do	111.60
	Jno. A. Sloan	do	111.60
4	David C. Hanawalt	do 1	119.60 111.60
	Willis B. Lincoln	do	111.60
	Thos. A. Bray. Wm. M. McKellar. Jno. A. Sloan F. W. Hopkins. David C. Hanawalt Willis B. Lincoln J. M. Turner W. H. Yingst A. G. G. Richardson Jno. W. Wolf. Jas. W. Davis C. W. Deming Roy N. Drake Frank C. Eells Jas. E. Ellis Geo. A. Bond C. H. Bugbee W. S. Cass Emerson J. Cary Horace H. Collins W. W. W. Worcester Alex. E. Wight Thos. White Robt. H. Treacy N. L. Townsend A. J. Smith N. B. Smith Isaiah Richards R. A. Ramsay. A. J. Pistor	do	71.80
	A. G. G. Richardson	do	95.60 .80
5 7	Jno. W. Wolf	Mare	.80 15.00
7	Jas. W. Davis	Services	71.80 95.60
•	Roy N. Drake	do	119.60
	Frank C. Eells.	do	119.60
	Jas. E. Ellis	do	95.60 119.60
	C. H. Bugbee	do	119.60
	W. S. Cass	do	119.60 111.60
	Emerson J. Cary	do	111.60 111.60
	W. W. Worcester	do	111.60
	Alex. E. Wight	do	111.60 111.60 111.60
	Robt. H. Treacy	do	111.60
	N. L. Townsend	do	111.60 79.60 111.60 79.60
	A. J. Smith	do	79.60
	Isaiah Richards	do	79, 60
	R. A. Ramsay	do	119.60
	A. J. Pistor	do,	119.60
	F. O. Pettey	do	95.00 79.60
	Wm. Pflaeging	do	79.60
	Russell G Merrill	do	111.60 71.80
	Henry R. McNally	do	111.60
	Isaiah Richards R. A. Ramsay A. J. Pistor Frank Parker F. O. Pettey Wm. Pflaeging I. W. O'Rourke Russell G. Merrill Henry R. McNally S. W. McClure Jay Merrill Jno. C. Massie	do	95.60
	Jno. C. Massie	do	79.60 79.60
	Jno. McBirney	do	79.60 127.40 79.60
	Thos. J. Lowry	do	79.60
	Jno. A. Kiernan	do	119.60 119.60
	J. Otis Jacobs	do	119.60 119.60
	Wm. F. Jones	do	111.60 79.60
	Wilbur H. Hurst	do	95.60
	David R Hodges	do	95.60 79.60
	Jno. J. Haves	do	111.60 111.60
	Walter E Howe	do	111.60 119.60 119.60 79.60 95.60 119.60
	E. N. Hutchinson	do	119.60
	Wilton F. Crewe.	do	95, 60
	W. R. Fleming	do	119.60
	W. C. Honan et al	Salaries	352.40 179.20
	Geo. S. Hickox et al.	do	605.40
10	W. B. Niles et al.	do	430.50
	S. W. McClure Jay Merrill Jno. C. Massie Jno. McBirney Thos. J. Lowry Matthew S. Lantz Jno. A. Kiernan J. Otis Jacobs Wm. F. Jones Jas. Irwin Wilbur H. Hurst David R. Hodges H. J. Hammond Jno. J. Hayes Walter E. Howe E. N. Hutchinson Morris T. Hascall Wilton F. Crewe W. R. Fleming Edw. O. Speake et al W. C. Honan et al Geo. S. Hickox et al W. B. Niles et al Allen A. Holcombe Wallace L. Upton	Traveling expenses	55.29 8.20
	o pron		0.20

Date.	Name.	Nature of payment.	Tota
1904.		,	
ar. 10	Warren J. Fretz. Wm. Proudfoot. Wm. C. Honan Willis B. Lincoln. A. G. G. Richardson Allen A. Holcombe Wallace I. Upton Allen A. Holcombe Jos. Pourier W. E. Hill Thos. Redmond. W. B. Niles	Traveling expenses	\$20 30 1
	Wm. Proudfoot	do	36
	Wm. C. Honan	do	1
	A G G Richardson	dodo	1
	Allen A. Holcombe	Services	11
	Wallace L. Upton	do	7.
	Allen A. Holcombe	Expenses	
	Jos. Pourier	Traveling expenses	20
11	W. F. Hill Thos. Redmond W. B. Niles Lowell Clarke Chas. M. Day W. B. Niles F. Auerbach & Bro. Aug. C. Jens. do. Jas. W. Davis Russell G. Merrill David C. Hanawalt Dean G. Cooper Geo. S. Hickox E. T. Davidson et al do do F. C. Fells Chas. W. Deming Horace H. Collins W. S. Cass. Geo. A. Bond C. H. Bugbee E. N. Hutchinson R. G. Merrill Stephen D. Gillett M. T. Hascall J. J. Hayes D. R. Hodges Walter F. Howe Wilburt H. Hurst	Services	9.
	W R Nilos	do	
	Lowelt Clarke	do	4:
	Chas. M. Day	do	2
	W. B. Niles	Expenses	5
	F. Auerbach & Bro	Rent	31
	Aug. C. Jens	Horse hire	2
	los W Dovis	dodo	1
	Russell G Morrill	do	2
14	David C. Hanawalt	Traveling expenses	
	Dean G. Cooper	do	
	Geo. S. Hickox	Expenses	
16	E. T. Davidson et al	Salaries	70
		Traveling expenses	70 2
17	F C Falls	Traveling expenses	2
14	Chas. W. Deming	do	ĩ
	Horace H. Collins.	do	$\bar{2}$
	W. S. Cass	do	5
	Geo. A. Bond	do	1
	C. H. Bugbee	do	6
	E. N. Huteninson	00	4
	Stephen D. Gillett	do	1
	M. T. Hascall	do	1 1 3 6
	J. J. Haves	do	3
	D. R. Hodges	do	6
	Walter E. Howe	do	1
	Walter F. Howe Wilbur H. Hurst Wm. F. Jones J. O. Jacobs	do	3
	I O Isoobs	do	4
	M. S. Lantz	do	5
	T. J. Lowry	do	4
	W. R. Fleming	do	4
	Hugh M. Rowe	do	2
	R. A. Kamsay	do	7
	A I Pistor	do	7 7 4
	S. W. McClure	do	9
	H. R. McNally	do	5
	J. McBirney	do	6
	J. O. Jacobs. M. S. Lantz. T. J. Lowry. W. R. Fleming. Hugh M. Rowe. R. A. Ramsay. Wm. F. Pflaeging. A. J. Pistor. S. W. McClure. H. R. McNally. J. MeBirney. Robt. H. Treacy. N. L. Townsend. N. B. Smith.	do	5 6 2 7
	N. L. Townsend N. B. Smith	do	4
	N. L. Townsend N. B. Smith T. White A. E. Wight Chicago and Alton Rwy. Co J. A. Kiernan E. J. Cary W. R. Dennis F. O. Pettey Union Pacific R. R. Co do Marion Imes Wm. D. Jorden Jno. V. Laddey Frank Parker Theo. S. Rich Geo. E. Totten Lavmer West Ernest J. Foreman Frank W. Brewer Thos. A. Bray Leslie J. Allen H. J. Hammond W. L. Hiatt Geo. S. Hickox	do	5
	A. E. Wight	do	5
	Chicago and Alton Rwy. Co	Passenger transportation	
18	J. A. Kiernan	Traveling expenses	6
	E. J. Cary	do	7
17	F O Potton	do	1
1.1	Union Pacific R. R. Co	Passenger transportation	
	do	do	1 7
21	Marion Imes.	Traveling expenses	7
	Wm. D. Jorden	do	4
	Jno. V. Laddey	00	5 6 2
	Theo S Rich	do	2
	Geo. E. Totten	do	11
	Laymer West	do	11 3 4
	Ernest J. Foreman	do	4
	Frank W. Brewer	do	4
	Thos. A. Bray	do	2
	Leslie J. Allen	00	2 3
	W. T. Hight	do	2
	17 · Adv 111a00	do	7

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 21	A. N. Irwin Louis Metsker	Traveling expenses	\$46, 95 7, 00 8, 20 28, 75 2, 50
	Louis Metsker	do	7.00
	Jos. W. Parker	do	8.20
	Isaiah Richards	00	28.75
	Jos. W. Parker Isaiah Richards Jno. A. Sloan Arch. H. Wallace Chas. A. Brown Jno. L. Burgett Clarence O. Clawson Roy N. Drake Geo. Jerome W. L. Johnson Peter I. Kershner Louis A. Klein Chas. A. McCall	do	
	Chas A Brown	do	8.00
	Jno. L. Burgett	do	13.14
	Clarence O. Clawson	do	29.90
	Roy N. Drake	do	16.50
	Geo. Jerome.	do	14. 25
	W. L. Johnson	do	9.50
	Peter I. Kersnner	00	19.60 17.30
	Chae A McCall	do	29.00
	Dan McCunningham	do	20.00
	Wm. M. MacKellar	do	20. 25 17. 40
	W. S. Cass	Horse hire	34.00
	E. T. Davison	do	43 00
24	Isaac W. O'Rourke	Traveling expenses	55. 90 67. 75 30. 00
	Jas. C. Ellis.	do	67. 75
00	Z. T. Davis	Mare	30.00
26	Inv Morrill	do do	46.75 84.00
28 29	Frank D Owen	do	4 50
29	Geo. W. Browning	do	4.50 112.53
	Louis A. Klein Chas A. McCall. Dan McCunningham Wm. M. MacKellar W. S. Cass. E. T. Davison Isaac W. O'Rourke. Jas. C. Ellis Z. T. Davis W. W. Worcester Jay Merrill. Frank D. Owen Geo. W. Browning. The Chicago, Burlington and Quincy Rwy. Co.	Passenger transportation	30.00
		1	
. *	Total third quarter		25, 880. 78
Ann E	Albert Deep et el	Colorina	793, 60
Apr. 5	Albert Dean et al. Clarence A. Clawson.	Sarvices	119. 20
U	Ino L Burgett	do	119. 20
	L. A. Klein	do	119. 20
	A. H. Wallace	do	119, 20
	Frank W. Brown	do	119. 20
	A. N. Irwin	do	119. 20 119. 20
	Ularence A. Clawson Jno. L. Burgett L. A. Klein A. H. Wallace Frank W. Brown A. N. Irwin Theo. S. Rich E. J. Foreman	do	119.20
	E. J. Foreman	do	119, 20
			119. 20 119. 20 119. 20
	Wester L. Johnson Marion Imes Chas. A. McCall Wm. M. MacKellar	do	119. 20
	Chas, A. McCall	do	110 20
	Wm. M. MacKellar	do	119, 20
	Jno. A. Sloan	do	119. 20 119. 20 119. 20 127. 70
	Geo. W. Browning	do	119.20
	Thos. A. Bray	do	127.70
	Geo. E. Totten	do	127. 70
	Louis Moteker	dodo	127, 70
	Win, M. Mackellar Jno, A. Sloan Geo, W. Browning Thos, A. Bray Geo, E. Totten Jos, W. Parker Louis Metsker Peter I. Kershner	do	127. 70 127. 70 127. 70 127. 70
	Leslie J. Allen	do	197 70
	H. B. Adair	do	127.70
	H. B. Adair. Jno. V. Laddey S. L. Blount.	do	127. 70 127. 70 102. 20
	S. L. Blount	do	102.20
	wm. D. Jorden	do	102.20
	Timothy C. Have	do	102. 20 102. 20 102. 20 102. 20
	Adolph Eichhorn	do	102, 20
	Laomer West	do	109 90.
	Dan McCunningham.	do	102, 20
	Arthur T. Coleman	do	102. 20 102. 20 102. 20 102. 20
	S. L. Blount. Wm. D. Jorden. Jno. H. Lowe Timothy C. Hays. Adolph Eichhorn. Laomer West. Dan McCunningham Arthur T. Coleman. Chas. Pearson. Wm. L. Hiatt	do	102.20
	Wm. L. Hiatt	do	102.20
7	Chas. A. Brown.	Colorios	85.20
- 1	Geo S Hickox et al	do.	85.20 352.50 647.30
	E. M. Nighbert	Traveling expenses	14.75
	Wilbur H. Hurst	Services	102, 20
	S. W. McClure.	do	14. 75 102. 20 102. 20 102. 20
	Frank Parker	do	102. 20
	Chas. W. Deming	do	
	E. M. Nighbert	do	102.20
	Jas. E. Ellis.	do	102. 20 102. 20 102. 20 102. 20
		do.	102 20
f	Frank D. Owen	do	102.20
ř.	Wm. L. Hiatt. Chas. A. Brown A. G. G. Richardson et al. Geo. S. Hickox et al. E. M. Nighbert. Wilbur H. Hurst. S. W. McClure Frank Parker Chas. W. Deming. E. M. Nighbert Jas. E. Ellis. Walter F. Crewe Frank D. Owen. Isaiah Richards. Wm. F. Pflaeging	do.	102. 20 85. 20 85. 20

Date.	Name.	Nature of payment.	Tota
1904.			
pr. 7	F. O. Pettey. Jay Merrill. Jno. C. Massie. Thos. J. Lowry Wallace L. Upton. A. J. Smith. Devid B. Hodges.	Services	\$8
	Jay Merrill	do	\$8 8
	Jno. C. Massie	do	Q:
	Thos. J. Lowry	do	8
	Wallace L. Upton	do	88
	A. J. Smith	do	8
	David R. Hodges M. T. Hascall Harry E. Armstrong Russell G. Merrill	do	81
	M. T. Hascall	do	88 88 70
	Buggell C Marrill	do	88
	Ino McRimov	do	136
	Jno. McBirney Ernest N. Hutchinson. Walter E. Howe. Roy N. Drake.	do	190
	Walter E. Howe	do	127 127 127
	Roy N. Drake	dodo.	12
	Frank C. Eells	do	
	W. R. Fleming	do	12
	Geo. A. Bond	do	123 123 123 123
	R. A. Ramsay	do	12
	J. Otis Jacobs	do	12
	M. S. Lantz	do	12'
	Roy N. Drake. Frank C. Fells W. R. Fleming Geo. A. Bond R. A. Ramsay. J. Otis Jacobs M. S. Lantz Allen A. Holcombe F. W. Hopkins Jno. A. Kiernan Clinton H. Bugbee A. J. Pistor David C. Hanawalt Henry R. McNally E. J. Cary. Willis B. Lincoln Jno. J. Hayes Horace H. Collins	do	12' 12' 12'
	F. W. Hopkins	do	12
	Jno. A. KJernan	do	
	Clinton H. Bugbee	do	12
	A. J. PISTOF	00	12' 12' 11'
	Hanny D. McNally	00	119
	F I Com	do	111
	Willis B Lincoln	do	110
	Ino. J. Haves	do	119 119 119
	Jno. J. Hayes. Horace H. Collins. Nathnl. B. Smith Isaac W. O'Rourke Robt. H. Treacy Thos. White. Alex. E. Wight N. L. Townsend. W. W. Worcester H. H. Haymond	do	119
	Nathnl. B. Smith	do	119
	Isaac W. O'Rourke.	do	119 119 119
	Robt. H. Treacy	do	119
	Thos. White	do	119
	Alex. E. Wight	do	11
	N. L. Townsend	do	11 <sup>1</sup>
	W. W. Worcester	do	119
	H. J. Hammond	do	11
	W. S. Cass	do	111
0	Wm. F. Jones	0.1.=	11 11 . 45
8	H. J. Hammond. W. S. Cass. Wm. F. Jones. W. B. Niles et al. C. Deadrick	Rent	. 40
9			8
	J. Irwin A. G. G. Richardson W. P. Ellenberger Jas. W. Davis	Expanses	0.
	W. P. Ellenberger	Traveling expenses	3
	Jas. W. Davis	Services	74
	E. J. Drake	do	40
	Walter C. Bower	do	102
	W. E. Hill	do	100 100
	Wm. Calkins	do	:
	Warren J. Fretz	do	11
	Jas. W. Davis E. J. Drake Walter C. Bower W. E. Hill Wm. Calkins Warren J. Fretz E. T. Davison W. C. Honan Edwd. O. Speake et al. W. B. Niles David C. Hanawalt Harry Three Stars Frank D. Owen	do	11: 12: 7:
	W. C. Honan	Colorina	70
1.1	Edwa. U. Speake et al	Dataries	37
11	David C. Hanawalt	do do	1 3 2
	Harry Three Stars	Services	9
	Frank D. Owen	Traveling expenses	-
	Chas, M. Day	do	3
	Jos. Pourier	do	60
12	Frank D. Owen. Chas. M. Day Jos. Pourier F. Auerbach & Bro	Rent	30
	C.B. Hart	Service	
	Emma Curran	Rent	2
	Jas. W. Davis	Horse hire	13
	U. B. Hart	Rent. Horse hire	24
	Louis A. Klein	norse mre	75
10	Kocky Mountain Bell Telephone Co	Pont	25 45
13	Washington Post Co.	Advertising	4:
14 19	A mariaan Linan Supply Co	Towal sarvice	9
19	Louis Koiser	Hogs	200
	Ino Kneehone	Service	200 68
	Chas. M. Day	Expenses	18
	C. B. Hart Louis A. Klein Rocky Mountain Bell Telephone Co. Kansas City Stock Yards Co. Washington Post Co. American Linen Supply Co. Louis Keiser Jno. Kneebone Chas. M. Day. Allen A. Holcombe W. B. Niles Wm. D. Jorden Thos. A. Bray.	do.	14
	W. B. Niles	do	2
	Wm. D. Jorden	Horse hire	75
		do	78

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 19	N. L. Townsend R. G. Merrill	Horse hire	\$25, 00 25, 00
	R. G. Merrill W. S. Cass Chas. C. Fulton & Co. Charleston Daily Mail Commercial Press Co Burleigh & Flynt The Journal Co. The Indianapolis News Vicksburg Herald The State Co. The Sentinel Printing Co. Republican Publishing Co. The Ohio State Journal Co. Nashville Banner Nebraska State Journal N. L. Townsend M. S. Lantz Wm. F. Jones	do	34.00
	Chas. C. Fulton & Co.	Advertising	3.00
	Commercial Press Co.	do	2. 08 2. 88
	Burleigh & Flynt	do	1,50
	The Journal Co	do	2.30 1.84
	Vicksburg Herald.	do	3.56
	The State Co.	do	2.50 2.00
	Republican Publishing Co.	do	2.40
	The Ohio State Journal Co.	do	2, 75
	Nashville Banner	do	1.47 2.30
	N. L. Townsend	Traveling expenses	29.45
	M. S. Lantz	do	35.75
	Wm. F. Jones E. N. Hutchinson M. T. Hascall	do	61. 25 66. 60
	M. T. Hascall	do	40.00
	Jno. C. Massie R. G. Merrill R. H. Treacy Isaiah Richards	dodo	79.50 28.40
	R. H. Treacy.	do	20.00
	Isaiah Richards	do	25, 25 76, 10
	W. F. Pflaeging A. J. Pistor	do	43, 25
	F. O. Pettey Frank Parker. Wm. Proudfoot	do	43. 25 12. 00 76. 00
	Wm Proudfoot	do	76.00 18.25
	Thos. White	do	49 41
	J. O. Jacobs	do	22.50
	W. E. Howe. W. W. Worcester D. R. Hodges	do	26. 25 40. 30
	D. R. Hodges	do	119 95
	J. A. Kiernan	do	74.25 52.90
	G. S. Hickox S. D. Gillett Jno. J. Hayes	do	12.40 66.00
	Jno. J. Hayes	do	66.00 76.00
	R. N. Drake F. C. Eells Robt M. Raban E. J. Drake	do	41.15
	F. C. Eells	do	7.90 6.80
	E. J. Drake	do	12.50
	Warren J. Fretz. W. C. Honan. Allen A. Holcombe. W. B. Lincoln. W. S. Cass.	do	10.00
	W. C. Honan	do	19.55 35.96
	W. B. Lincoln	do	8.35
20	W. S. Cass Albert Dean	do	8.35 37.25 29.75
	Alex. E. Wight	do	41.00
	Alex E. Wight Hugh M. Rowe Chas. Pearson	do	43 15
	Leslie J. Allen	do	8.30 30.75 78.85
	Marion Imes	do	78.85
	Marion Imes Lowell Clarke Thos. A. Bray. Wm. L. Hiatt	do	91.40 27.35 2.75
	Wm. L. Hiatt	do	2.75
	Wm. D. Jorden	do	68 45
	W. R. Fleming	do	21. 60 52. 70 10. 00 40. 93
	Norfolk and Western Rwy. Co	Passenger transportation	10.00
	Chicago and Northwestern Rwy. Co	Sorvice	40.93
	A. G. G. Richardson	Expenses	.90
	Salt Lake Daily Tribune.	Advertising	.90 2.53 4.69
	Wm. L. Hiatt Wm. D. Jorden Geo. Jerome. W. R. Fleming Norfolk and Western Rwy. Co. Chicago and Northwestern Rwy. Co. A. F. Daland A. G. G. Richardson Salt Lake Dally Tribune Gammell-Statesman Publishing Co. The John L. Murphy Publishing Co. Dan McCunningham Ernest J. Foreman Geo. S. Hickox Laomer West. Jos. W. Parker Peter I. Kershner	do	1.32
21	Dan McCunningham		46.95
	Geo. S. Hickox	Expenses	51,60
22	Laomer West	Traveling expenses	5. 89 58. 30
	Jos. W. Parker	do	15.70
	Western L. Johnson	do	42.95 25.80
	Timothy C. Hays	do	8. 60 20. 30
	Peter I. Kershner Western L. Johnson Timothy C. Hays. Clarence A. Clawson Arthur T. Coleman	do	20.30 23.00
	1. Coleman		20.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

Date.	Name.	Nature of payment.	Total
1904.			
Apr. 22	Jno. L. Burgett	Traveling expenses	\$18
•23	The Record Publishing Co	Advertising	5
	Oklahoma State Capital	0D	1
	Iowa State Register	do	1
	Bismarck Weekly Tribune	do	2
	J. H. Sanders Publishing Co	do	6
	The Sacramento Union	do	4 2 2
	Oregon Statesman	do	2
	The Constitution Publishing Co	Trovoling armonges	25
	Arch H. Wallace	do	25 73 23
	Arch. H. Wallace Chas. A. Brown Theo. S. Rich Jno. H. Lowe Chas. A. McCall Adolph Eichhorn A. N. Irwin Geo. E. Totten Stephen A. Blount Geo. W. Browning Frank W. Brewer Louis Metsker Wm. M. Mackellar Jno. A. Sloan Jas. E. Ellis Henry R. McNally Wilbur H. Hurst R. A. Ramsay Clinton H. Bugbee Jno. McBirney Thos. J. Lowry Gulf Refining Co The State Republican Tribune Publishing Co. Chicago and Northwestern Rwy. Co Pennsylvania R. R. Co Natl. B. Smith W. R. Dennis Albert Dean et al.	do	23
	Theo. S. Rich	do	45
	Jno. H. Lowe	do	47 9 70
	Chas. A. McCall	do	47
	Adolph Elennorn	do	70
	Geo E Totten	do	17
	Stephen A. Blount	do	25
	Geo. W. Browning	do	25 94
	Frank W. Brewer	do	20
	Louis Metsker	do	10
	Wm. M. Mackellar	do	20
26	Inc E Ellic	do	4
20	Henry R. McNally	do	50
	Wilbur H. Hurst	do	6
	R. A. Ramsay	do	6
	Clinton H. Bugbee	do	111
27	Thosa ( Lowers	do	113
21	Gulf Refining Co	Oil	6- 50
	The State Republican	Advertising	
	Tribune Publishing Co.	do	
	The Arizona Publishing Co	do	-
28	Chicago and Northwestern Rwy. Co	Passenger transportation	3
r	Pennsylvania R. R. Co	do	57
Iay 2	Natl. B. Smith W. R. Dennis Albert Dean et al. H. B. Adair Thos. A. Bray Louis A. Klein Jno. V. Laddey. Peter I. Kershner	Traveling expenses	59
	Albert Dean et al	Salaries	82
	H. B. Adair	Services	82 82 . 12
	Thos. A. Bray	do	128
	Louis A. Klein	do	123
	Jno. V. Laddey	do	123 123
	Logio T Allen	dodo	12
	Leslie J. Allen Jos. W. Parker Geo. E. Totten Arch. H. Wallace Frank W. Brewer	do	128
	Geo. E. Totten	do:	123 123
	Arch. H. Wallace	do	123
	Frank W. Brewer	do	11:
	Wm. M. Mackellar	do	11.
	Wm. M. Mackellar Geo. W. Browning. Jno. A. Sloan. A. N. Irwin.	do	11.
	A. N. Irwin	do	113
			11:
	Ernest J. Foreman Louis Metsker	do	11: 12:
	Louis Metsker.	do	12
3	W. L. Johnson	do	11:
	Chas. A. McCall	do	113
	Adolph Eichhorn	do	11. 11.
	Geo. Jerome Adolph Eichhorn Jno. L. Burgett	do	11:
	Marion Imes	do	11
	Theo. S. Rich.	do	. 118
	Arthur T. Coleman	00	9
	Timothy C. Have	do	98
	Dan McCunningham	do	98
	Wm. D. Jorden	do	98
	W. C. Brown	do	98
	Stephen L. Blount	do	98
	Wm. L. Hiatt	do	98
	Jno. L. Burgett. Marion Imes Theo. S. Rich Arthur T. Coleman. Laomer West. Timothy C. Hays. Dan McCunningham. Wm. D. Jorden W. C. Brown Stephen L. Blount. Wm. L. Hiatt. Chas. Pearson. Jno. H. Lowe.	do	98
	Jno. H. Lowe.	do	82
4	Chas. A. Brown. The Dispatch Printing Co. Jno. Nelson.	Advertising	3
-	T- AT T-	Moro	2

### Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. {BUREAU: OF: ANIMAL INDUSTRY—TO ERADICATE, CONTAGIOUS! DISEASES OF ANIMALS, 1904-5—Continued.

e.	Name.	Nature of payment.	Tota
4.			
4	Chas. Landers	Mare	\$2
7	Chas. Landers. W. B. Niles et al. A. G. G. Richardson et al. F. W. Hopkins. Willis B. Lincoln. E. M. Nighbert. Frank D. Owen. Robt. M. Raban.	Salaries	43
	A. G. G. Richardson et al	Corrigon	34 12
	Willis B Lincoln	do	11
	E. M. Nighbert	do	11 9 9
	Frank D. Owen	do	9
	Robt. M. Raban	do	9
	Jas. Irwin	do	8
	Albert Dean	Expenses	
	Horry F Armstrong	Traveling avnances	13
	Isaac W. O'Rourke	do	8
	Jno. C. Massie	do	S
	E. T. Davison	do	8 7 4
	H. J. Hammond	do	7
	Chas. W. Deming	do	1
	Wm C Honon	dó	i
	E. T. Davison	Horse, etc.	1
11	Jno. McBirney.	Services.	13
	Robt. M. Raban Jas. Irwin Albert Dean A. G. G. Richardson Harry E. Armstrong Isaac W. O'Rourke Jno. C. Massie E. T. Davison H. J. Hammond Chas. W. Deming A. G. G. Richardson Wm. C. Honan E. T. Davison Jno. McBirney C. H. Bugbee Geo. A. Bond	do	15
	C. H. Bugbee  Geo. A. Bond R. N. Drake F. C. Eells W. R. Fleming W. E. Howe E. N. Hutchinson A. A. Holcombe J. A. Kiernan	do	12
	R. N. Drake	00	12 12
	W P Flaming	do	12
	W. E. Howe	do	19
	E. N. Hutchinson	do	12 12 12
	A. A. Holcombe	do	12
	J. A. Kiernan	do	19
	J. O. Jacobs	do	12
	M. S. Lautz	dodo	12 12 12 12
	R. A. Ramsay	do	19
	J. O. Jacobs M. S. Lautz A. J. Pistor R. A. Ramsay A. E. Wight H. H. Collins E. J. Cary W. S. Cass. J. I. J. Haves	do	12
	H. H. Collins	do	11
	E. J. Cary	do	11 11
	W. S. Cass	do	11
	J. J. Hayes H. J. Hammond	do	11 11
	H H Colline	do	1
	H. H. Collins E. J. Cary W. S. Cass	do	11
	W. S. Cass	do	11 11 11
	W. S. Cass. H. J. Hayes. H. J. Hammond. Wm. F. Jones. H. R. McNally. I. W. O'Rourke. N. B. Smith.	do	11
	H. J. Hammond	do	11
	W M. F. JONES	do	11 11
	L. W. O'Rourke	do	11
	N. B. Smith	do	11
	Robt. H. Treacy	do	11
	N. L. Townsend	do	11
	Robt. H. Treacy N. L. Townsend Thos. White. W. W. Worcester	do	11
	Wm F Crawa	do	11
	Wm. F. Crewe. C. W. Deming. Jas. E. Ellis. Thos. J. Eagle.	do	C
	Jas. E. Ellis	do.	Ś
	Thos. J. Eagle	do	Ç
	Thos. J. Eagle. W. H. Hurst. S. W. McClure. Frank Parker. H. E. Armstrong. A. L. Bailey. L. S. Campbell. M. T. Hascall. D. R. Hodges. R. F. L. Lockson.	do	6
	S. W. McClure	do	5
	Frank Parker	00	8
	A I. Railay	do	8
	L. S. Campbell	.do	8
	M. T. Hascall	do	8
	D. R. Hodges	do	8
	R. E. L. Jackson	do	8
	R. E. L. Jackson T. J. Lowry Jno. C. Massie Jay Merrill	do	8
	Jay Merrill	do	8
	F. O. Pettey	do	. 8
	W. F. Pflaeging	do	8
	Wm. Proudfoot.	do	5
	F. O. Pettey W. F. Pflaeging Wm. Proudfoot Isaiah Richards	do	8
			8
	A. J. Smith W. L. Upton R. G. Merrill E. J. Drake	do	8
	R. G. Merrill	do	8
	It. G. MCHILL		5

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY—TO ERADICATE CONTAGIOUS DISEASES OF
ANIMALS, 1904-5—Continued.

Date.	Name.	Nature of payment.	Total.
1904.	Elias Cilmore	Conviosa	990.00
May 11	Elias Gilmore. C. K. Schafer	servicesdo	\$30.00
	C. K. Schafer H. L. McDonald	do	12.36 9.89
	Wm. Calkins	do	5 00
	W. C. Honan E. O. Speake et al	Salarios	74.20
	E. T. Davison et al.	do	832.60
	Wm. Calkins. W. C. Honan E. O. Speake et al. E. T. Davison et al. do do. W. W. Crandall H. H. Collins Elias Gilmore. Geo. S. Hickox	Expenses	74.20 506.26 832.60 8.90
	W W Crandall	Traveling expenses	
	H. H. Collins	do	51.00
	Elias Gilmore	do	3.45 51.00 3.15 122.92
	Geo. S. Hickox W. B. Lincoln. Robt. R. Newman R. M. Raban	do	122.92
	Robt. R. Newman	do	12.25 12.70 5.85
	R. M. Raban	do	5.85
			24, 45 30, 00
	R. G. Merrill	Office rent. Use horse, etc.	25.00
10	Inos. Redmond R. F. Auerbach & Bro R. G. Merrill N. L. Townsend Geo. S. Hickov et al	Salaries	25,00
12	A A Holcombe	Expenses	741. 70 1. 50
	Cook S. Hickov et al. A. A. Holcombe Chas. M. Day. W. P. Ellenberger A. A. Holcombe L. D. Turner	Expenses. Traveling expenses.	34.50
	W. P. Ellenberger	do	10.40
	L. D. Turner	Mares	26. 19 50. 00
	Fakes & Co W. S. Cass. Her Plenty Horses.	Desk, etc	50.00 45.50 34.00
	W. S. Cass.	Hire horse, etc	34.00
			30.00 20.00
	Full Stomach	do	15.00 12.50
10	Bernard Black Full Stomach I. J. M. Brown W. B. Niles F. W. Brewer A. T. Coleman W. J. Fretz W. L. Johnson F. D. Owen	Service self and horse	12.50
13	W. B. Niles	Traveling expenses	13.00
	A. T. Coleman	do	65. 10 10. 75 33. 70
	W. J. Fretz	do	33.70 29.25
	F. D. Owen	do	1.45
-6-	W. L. Jonnson F. D. Owen Jos. W. Parker T. S. Rich New Mexico Printing Co J. L. Burgett C. A. Clawson Albert Dean L. T. Green Geo. Lerome	do	22.40 22.00
	T. S. Rich	Advortisement	22.00
16	J. L. Burgett	Traveling expenses	1.65
	C. A. Clawson	do	1.65 43.60 17.50
	Albert Dean	do	14.19
	Geo. Jerome.	do	23, 75
	W. D. Jorden P. I. Kershner	do	57.45 22.15
	L. A. Klein	do	9. 20
	Louis Metsker	do	45, 50
	Chas. Pearson.	do	22.90 25.50
	Chas. Pearson Jno. A. Sloan Geo. E. Totten	do	25. 50 22. 20
18			27.55
	L, J. Alfen C. A. Brown Geo, W. Browning S. L. Blount. R. N. Drake	do	55. 20 18. 55
	S. L. Blount.	do.	23.50
	R. N. Drake	do	79.85
	Thos. J. Eagle F. C. Eells Adolph Eichhorn	do	10. 25 7. 50
	Adolph Eichhorn	dodo	7.50 18.95
			19, 50
	A. N. 1rwin Marion Imes	do	75.05 101.70
	Jno. A. Kiernan	do	82.75
	Jno. V. Laddey	do	61.45
	M. T. Hascall A. N. Irwin Marion Imes Jno. A. Kiernan Jno. V. Laddey do Thos. J. Lowery Wm. M. MacKellar	do.	35. 85 95. 30 15. 80
	Wm. M. MacKellar.	do	15.80
	Wm. M. MacKellar. Chas. A. McCall Jno. McBirney. Dan McCumningham S. W. McClure W. F. Pflaeging. H. M. Dowe	do	78.40 106.75
	Dan McCunningham	do	43.95
	S. W. McClure	do	11.40
	W. F. Pflaeging	do	76. 50 21. 40
	C. K. Schafer	do	21.40 12.35
	W. F. Haeging H. M. Rowe C. K. Schafer N. L. Townsend A. H. Wallace	do	34.75
	A. H. Wallace	00	114.05

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

Date.	Name.	Nature of payment.	Total.
1904.	Laomer West Thos. White. The Atchison, Topeka and Santa Fe Rwy. Co. Chicago and Alton Rwy. Co. Chicago and Alton Rwy. Co. Chicago, Burlington and Quincy Rwy. Co. Great Northern Rwy. Co. Illinois Central R. R. Co. Oregon Short Line R. R. Co. Lewis Keiser W. E. Hill Geo. S. Hickox H. E. Armstrong C. H. Bugbee L. S. Campbell Lowell Clarke W. R. Dennis Chas. W. Dennis Chas. W. Dennin Chas. W. Dennin Jas. E. Ellis E. J. Foreman S. D. Gillett T. C. Hays. D. R. Hodges R. E. L. Jackson Jas. V. Kerr R. G. Merrill Jay Merrill Geo. B. McCabe I. W. O'Rourke F. O. Pettey A. E. Wight Pretty Hip E. T. Davison The Philadelphia Inquirer Co. Dunn & Lemmon The Times Dispatch Co Journal Newspaper Co. A. L. Bailey Geo. A. Bond W. S. Cass L. E. Day W. R. Fleming Jas. J. Hayes E. N. Hutchinson W. H. Hurst D. C. Hanawalt J. O. Jacobs M. S. Lantz		
ay 18	Laomer West	Traveling expenses	\$59.
	Thos. White	do	13.
	The Atchison, Topeka and Santa Fe Rwy. Co.	Passenger transportation	12. 7. 39.
	Chicago Burlington and Quincy Rwy Co	do	39
	Great Northern Rwy. Co.	do	10.
	Illinois Central R. R. Co	do	4.
	Oregon Short Line R. R. Co	do	9.
20	Lewis Keiser	Hogs	200. 98.
20	W. E. Hill	Services	98.
	H E Armstrong	Traveling expenses	143.
	C. H. Bugbee	do.	110.
	L. S. Campbell	do	110. 95.
	Lowell Clarke.	do	95.
	W. R. Dennis	do	92.
	Chas. W. Deming	do	35. 43.
	F I Foremen	do	29.
	S D Gillett	do	49.
	T. C. Hays	do	14.
	D. R. Hødges	do	124. 102.
	R. E. L. Jackson	do	102.
	Jas. V. Kerr	do	24.
	R. G. Merfill	do	20.
	Geo B McCaba	do	90 132
	I. W O'Rourke	do	28
	F. O. Pettev	do	123. 41. 45.
	A. E. Wight	do	41.
	Pretty Hip	Mares	45
	E. T. Davison	Hire team	42.
	The Philadelphia Inquirer Co	Advertising	4.
	The Times Dispetch Co	do	1.
	Tournal Newspaper Co	do	1. 3.
24	A. L. Bailev	Traveling expenses.	88.
	Geo. A. Bond	do	44.
	W. S. Cass	do	39.
	L. E. Day	do	43.
	W. R. Fleming	do	56.
	F N Hutchingon	do	79.
	W H Hurst	do	79. 36. 62. 95.
	D. C. Hanawalt	do	95.
	J. O. Jacobs M. S. Lantz A. J. Pistor	do	31.
			22. 24.
	A. J. Pistor	do	24.
	W. I. Unton	0 do	70.
	W. E. Howe	Expenses	51. 7. 15.
26 27	W. C. Smoot	Mare	15.
27	E. J. Cary	Traveling expenses	64.
	A. J. Pistor R. A. Ramsey. W. L. Upton. W. E. Howe. W. C. Smoot. E. J. Cary. H. H. Collins. W. F. Crewe. H. J. Hammond. W. E. Howe. Wm. F. Jones.	do	57
	W. F. Crewe	00	7.
	W E Howe	do	7. 66. 37.
	Wm. F. Jones	do	
	Jno. C. Massie	do	85.
	H. R. McNally	do	52.
	N. B. Smith	do	42.
ne 1	Isaian Richards	00	69.
	Chas N McBrydo	00	68.
2	Jay Merrill	′ do	40. 85. 52. 42. 69. 68. 17.
_	Wm. Proudfoot	do	
	Henry Singleton.	do	103.
	W. W. Worcester	do	47.
	H. B. Adair	Services	103. 47. 127.
	L. J. Allen	do	
	Peter I Korshnor	00	127.
	I. A Klein	do	127.
	J. V. Laddev	do	127. 127. 127. 127. 127.
	W. E. Howe Wm. F. Jones Jno. C. Massie. H. R. McNally N. B. Smith Isaiah Richards R. H. Treacy Chas. N. McBryde Jay Merrill Wm. Proudfoot Henry Singleton W. W. Worcester H. B. Adair L. J. Allen Thos. A. Bray Peter I. Kershner L. A. Klein J. V. Laddey Louis Metsker Jos. W. Parker Geo. E. Totten A. H. Wallace	do	
	Jos. W. Parker	do	127. 127. 127.
		do	107

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. BUREAU OF ANIMAL INDUSTRY—TO ERADICATE CONTAGIOUS DISEASES OF ANIMALS, 1904-5—Continued.

ate.	Name.	Nature of payment.	Total
904.			
ne 2	F. W. Brewer. Geo. W. Browning Jno. L. Burgett C. A. Clawson Adolph Eichhorn E. J. Foreman Marion Imes A. N. Irwin Geo. Lerome	Services	\$119 119 119 119
	Geo. W. Browning	do	119
	Jno. L. Burgett.	do	119
	C. A. Clawson	do	119
	Adolph Eichhorn	do	119 119 119
	E. J. Foreman.	do	119
	Marion Imes	do	119
	A. N. Irwin	do	119
	Geo. Jerome	do	119 119 119 119
	W. L. Johnson	do	119
	Chas. A. McCall	do	119
	W. M. MacKellar	do	119
	T. S. Rich	do	119
	Jno. A. Sloan	do	119 102 102 102
	S. L. Blount	do	102
	W. C. Bowen	do	102
	A. T. Coleman	do	102
	T. C. Hays	do	102
	W. L. Hiatt.	do	102
	W. D. Jorden	do	102 102 102 102 102 102 102 102 85 902 352 4 17 87
	Jno. H. Lowe	do	102
	Dan McCunningham	do	102
	Manon Imes A. N. Irwin Geo. Jerome W. L. Johnson Chas. A. McCall W. M. MacKellar T. S. Rich Jno. A. Sloan S. L. Blount W. C. Bowen A. T. Coleman T. C. Hays W. L. Hiatt W. D. Jorden Jno. H. Lowe Dan McCunningham Chas. Pearson Laomer West Chas. A. Brown Albert Dean et al A. G. G. Richardson et al E. T. Davison Geo. M. Bettis E. J. Drake Frank Parker A I Sileock	do	102
	Laomer West	do	102
	Chas, A. Brown	do	85
3	Albert Dean et al.	Salaries	902
	A. G. G. Richardson et al.	do	352
	E. T. Davison	Expenses	32
	Geo. M. Bettis	Traveling expenses	4
	E. J. Drake	do	17
	Frank Parker	do	87
	A. J. Silcock	Mare	15
	Yellow Hair Woman	.do	20
	W. F. Hargrave	Horse	23
	The Bartlett Publishing Co	Advertising	- 5
	The Globe Printing Co	.do	
8	Geo. H. Hickox et al.	Salaries	954
•	W. C. Honan	Service	954 76
	W B Niles et al.	Salaries	449
	F. L. Boone	Services	31
	W. E. Burrows	do	31 31
	F. C. Dauncev	do	31
	Jas. C. Exline	do	21
	B. F. Gooch	do	31 31 31
	Jas. M. Lawson	do	31
	R. C. Livens	do	31
	Jno. C. Reid	do	31
	Chas. F. Rork	do	31
	H. A. Smith.	do	31 43
	N. R. Adams	do	43
	Geo. M. Bettis. E. J. Drake Frank Parker A. J. Silcock. Yellow Hair Woman W. E. Hargrave. The Bartlett Publishing Co. The Globe Printing Co. Geo. H. Hickox et al. W. C. Honan W. B. Niles et al. F. L. Boone W. E. Burrows F. C. Dauncey. Jas. C. Exline B. F. Gooch Jas. M. Lawson R. C. Livens. Jno. C. Reid. Chas. F. Rork H. A. Smith N. R. Adams F. W. Schatzell Fred Evans Jere. C. Leyser D. P. Nowman	do	43
	Fred Evans	do	52
	Jere.C. Leyser	do	61
	R. R. Newman	do	61
	Fred Evans Jere C. Leyser R. R. Newman E. R. O'Niel F. C. O'Rourke Jno. L. Osborn R. G. Merrill H. J. McDonald. O. W. Noyes Jas. Irwin	do	61
	F. C. O'Rourke	do	- 61
	Jno. L. Osborn	do	61 76 76
	R. G. Merrill	do	76
	H. L. McDonald	do	76
	O. W. Noves	do	76
	Jas. Irwin	do	88
	R. E. L. Jackson	do	88
	Jay Merrill	do	88
	Wm. F. Pflaeging	do	76 88 88 88 88
	O. W. Noyes Jas. Irwin R. E. L. Jackson Jay Merrill Wm. F. Pflaeging. F. O. Pettey W. S. Pidcock Wm. Proudfoot W. F. Crewe Thos. J. Eagle W. H. Hurst S. W. McClure E. M. Nighbert F. D. Owen Frank Parker	do	88
	W. S. Pidcock	do	85
	Wm. Proudfoot	do	88
	W. F. Crewe	do	102
	Thos. J. Eagle	do	102
	W H Hurst	00	88 88 88 102 102 102 102 102
	S. W. McClure	00	109
	F M Nighhert	do	109
	F D Owen	do	109
	Frank Parker	d0	100
	P M Pahan	do	102 102 102 110
	R. M. Raban. Chas. W. Deming W F. Jones	do	110
	Unas. W. Dennug		119

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY—TO ERADICATE CONTAGIOUS DISEASES OF

"ANIMALS, 1904-5—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
June 8	W. B. Lincoln. H. R. McNalley. I. W. O'Rourke. R. N. Drake. F. W. Hopkins. W. E. Howe. E. N. Hutchinson.	Services	\$119.2 119.2 119.2
	H. R. McNalley	do	119.2
	I. W. O'Rourke	do	119.2
	R. N. Drake	do	197.5
	F. W. Hopkins	0D	127. 8 127. 8 127. 8 127. 8
	W. E. HOWE	do	127.8
			127.0
	M. S. Lantz	do	
	A. J. Pistor W. A. Savage	do	127. 8 127. 8 136. 2 43. 0
	W. A. Savage	do	127.8
	W. A. Savage. A. A. Holcombe. W. P. Ellenberger. Wm. C. Honan Edw. O. Speake et al. Geo. A. Bond C. H. Bugbee. W. P. Elening	do	136.2
	W. P. Ellenberger	Traveling expenses	43.0
	Wm. C. Honan	do	10. 3 495. 8 127. 8
9	Edw. O. Speake et al	Salaries	495.8
	Geo. A. Bond	Services	127.8
	W P Floming	do	127.3
	K A Ramsay	do	127.8
	A E Wight	do	127.0
	E. J. Carv.	do	127.8 127.8 119.1
	W. S. Cass	do	119.5
	H. H. Collins	do	
	H. J. Hammond	do	119. 2
	C. H. Bugbee W. R. Fleming K. A. Ramsay A. E. Wight E. J. Cary W. S. Cass H. H. Collins H. J. Hammond J. J. Hayes	do	119. 2 119. 2 119. 2
	J. J. Hayes. N. B. Smith Robt. H. Treacy Thos. White Jas. E. Ellis H. E. Armstrong A. L. Bailey L. S. Campbell D. R. Hodges Thos. J. Lowry Jno. C. Massie Isaiah Richards Henry Singleton	do	119.5
	The White	dodo	119.
	Tag F Fllig	do	119.
	H. E. Armstrong	do	119. 119. 102. 85. 85.
	A. L. Bailey	do	85
	L. S. Campbell	do	85.
	D. R. Hodges	do	85.
	Thos. J. Lowry	do	. 85.
	Jno. C. Massie	do	85.5 85.5 85.5
	Isaiah Richards	do	85 9
	Henry Singleton	do	85. 1 85. 1
	A. J. Smith.	0D	85. S
	Chee H Polyingon	do	61.
	E. S. Spindler	do	31.
	C. E. Verry	do	31
11	R. J. Blanche	do	127.
	Isaiah Richards. Henry Singleton. A. J. Smith G. A. Hanvey Chas. H. Robinson E. S. Spindler C. E. Verry R. J. Blanche E. T. Davison.	do	127.
			31. 127. 127. 127.
	F. C. Eells	do	127.
	J. O. Jacobs	do	127.
	W.J. Fretz	00	119.
	K. C. Felis. J. O. Jacobs W. J. Fretz. N. L. Townsend. W. W. Worcester. W. J. Bracken. Wm. J. Butler. W. E. Hill. M. T. Hossell	do	127. 8 127. 8 127. 8 119. 9 119. 9
	W. J. Bracken	do	102
	Wm. J. Butler	do	102.5 102.5 102.5 85.5
	W. E. Hill	do	102
	M. T. Hassell	do	85.
	W. E. Hill M. T. Hassell W. L. Upton Frank Baggage Wm. Calkins Chas. G. Conley E. J. Drake Elias Gilmore Jno. Kneebone Jno. Pourier Jas Pourier	do	85.
	Frank Baggage	do	85. 57.
	Wm. Calkins.	do	õ.
	Chas. C. Conley	do	39.
	E. J. Drake.	00	32.
	Ino Knochono	dodo	60
	Jno. Pourier	do	71. 60. 60.
	Jas. Pourier.	do	62
	Harry Three Stars	do	65. 60. 76.
	Oliver Tyron	do	60.
	Jas. Fourier Harry Three Stars Oliver Tyron Saml. I. Valentine E. G. Ward Jas. Wilde	do	76.
	E. G. Ward	do	65 (
	Jas. Wilde	do	15. 62. 56. 81.
	Lowell Clarks	Traveling expenses	62.
	Chas C Conlor	do do	56.
	Chas M Day	do	19
	W. J. Fretz	do	30
	F. J. Glynn	do	18.1 30.1 22.1 57.1
	Jas. Wildedo. Lowell Clarke. Chas. C. Conley. Chas. M. Day W. J. Fretz F. J. Glynn D. C. Hanawalt D. R. Hodges A. A. Holcombe	do	57.
	D. R. Hodges	do	137.
	4 4 77 1 5 1	3.	63.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BUREAU OF ANIMAL INDUSTRY—TO ERADICATE CONTAGIOUS DISEASES OF
ANIMALS, 1904-5—Continued.

ate	Name.	Nature of payment.	Tota
1904.			
ne 11	W. B. Lincoln	. Traveling expenses	\$8
	E. M. Nighbert. W. B. Nies do Wm. F. Pflaeging	do	10
	do.	Expenses	13
	Wm. F. Pflaeging	do	13 75
	A J. Prinaggig A J. Pistor Thos. Redmond W. S. Cass. R. G. Merrill N. L. Townsend C. Deadrick	do	18
	Thos. Redmond	do	4
	R. G. Merrill	do do	3-2-
	N. L. Townsend	do	2
	C. Deadrick	Rent of room	2
	F. Auerbach & Bro F. J. Lamb Alex, Merrivall	do	3
	F. J. Lamb	. Corn	2 3
			1
	Wanace Rulling Eagle J. O. B. Scobey F. C. Dauncey M. S. Lantz Thos. J. Lowry Wm. Proudfoot Isaiah Richards F. W. Schetzell	Advertising	
13	F. C. Dauncey	. Traveling expenses	6
	M. S. Lantz	do	5 13
	Wm Proudfoot	do	9
	Isajah Richards	do	13
	F. W. Schatzell	do	6
	F. W. Schatzell Thos. White N. R. Adams	do	1
14	N. R. Adams Thos. A. Bray	do	4
	Thos. A. Bray S. L. Blount. Chas. A. Brown. Wm. E. Burrows L. E. Day. M. T. Hascall A. N. Irwin L. A. Klein J. C. Leyser R. G. Merrill Robt. R. Newman Jas. C. Reid	do	4
	Chas. A. Brown	do	4
	Wm. E. Burrows	do	4
	L. E. Day	do	6
	M. T. Hascall	0D	1 6
	L. A Klein	do	1
	J. C. Levser	do	1 11
	R. G. Merrill	do	1
	Robt. R. Newman	do	8
	Jas. C. Reid C. E. Verry W. W. Worcester L. J. Allen		8
	W. W. Worcester	do	4
15	L. J. Allen	do	2
			10
	R. J. Blanche F. W. Brewer Geo. W. Browning	do	. 7
	Goo W Browning		í
	C. H. Bugbee	do	7
	Jno. L. Burgett	do	2
	L. S. Campbell	do	10
	U. A. Clawson.		1
	A. T. Coleman	do	- 1
	E. T. Davison	do	10
	Fred Evans	do	3
	Geo. W. Browning. C. H. Bugbee. Jno. L. Burgett. L. S. Campbell. C. A. Clawson. W. F. Crewe. A. T. Coleman. E. T. Davison Fred Evans Adolph Eichhorn. W. R. Fleming T. C. Hays. W. L. Hiatt	do	5
	T. C. Havs	do	1
	W. L. Hiatt. W. E. Howe. Marion Imes. Geo. Jerome.	do	1
	W. E. Howe	do	]
	Marion Imes	do	7
	W. L. Johnson	do	3
	Wm. F. Jones	do	2
	Wm. F. Jones P. I. Kershner	do	2
	Jno. V. Laddey	do	6
	Jno. C. Massie	do	9
	Wm. M. MacKellar	do	5
	Louis Metsker. Wm. M. MacKellar. Chas. A. McCall.	do	3
			3
	Jno. L. Osborne	do	3 11 1
	Jno. L. Osborne. Chas. Pearson. Robt. M. Raban.	do	1
			,
	Chas. H. Robinson Chas. F. Rork H. M. Rowe E. S. Spindler Jno. A. Sloan. Geo. E. Totten	do	10
	Chas. F. Rork	do	5
	H. M. Rowe.	do	8
	Ino A Sloon	do	1
	0 110 11 0 10 all		2

#### BUREAU OF ANIMAL INDUSTRY—TO ERADICATE CONTAGIOUS DISEASES OF ANIMALS, 1904-5—Continued.

Date	э.	Name.	Nature of payment.	Total.
1904.				
June 1		A. H. Wallace	Traveling expenses	\$12.00
	16	W. D. Jorden	do	54.20
1	18	A. L. Bailey	do	103.70
		W. S. Cass		20. 25
		Thos. J. Eagle.	do	18.75
		Jno. E. Ellis		110.00
	-	E. J. Foreman		21.60
		S. D. Gillett		102, 15 24, 45
		Geo. S. Hickox		110, 75
		Jno. McBirney W. S. Pideoek	do	67, 20
		N. B. Smith		16, 50
9	20	E. T. Davison		32, 30
	20	do		20, 40
		Geo. Ruffe	Mare	25.00
2	21	W. C. Barth		12.35
~	-	H. J. Hammond		87, 50
		E. T. Davison		11.02
2	22	Jno. McBirney		136, 20
2	23	F. L. Borne		62, 25
		H. R. McNally		61, 25
		Jos. W. Parker.	do	19, 20
		F. O. Pettey	do	67.50
2	24	Geo. S. Hickox	Expenses	8.40
		S. W. McClure	Traveling expenses	32.60
		R. A. Ramsay	do	17.25
		C. K. Schafer.		24.65
		Loomer West		29.00
		A. E. Wight	do	39. 25
		Total fourth quarter, 1904		59, 933. 64

#### RECAPITULATION.

To	tal third quarter, 1904	\$25,880.78
To	tal fourth quarter, 1904	59, 933. 64
	Total	85 814 49

#### BUREAU OF ANIMAL INDUSTRY-RENT OF BUILDINGS.

Date.	Name.	Nature of payment.	Total.
Nov. 6 Dec. 5 1904. Jan. 12 Feb. 8 Mar. 11 Apr. 4 May 6 June 4	J. H. Johnson & Son	Rent, October, 1903 Rent, November, 1903 Rent, December, 1903 Rent, January, 1904 Rent, February, 1904 Rent, March, 1904 Rent, April, 1904 Rent, May, 1904 Rent, June, 1904 Rent, June, 1904	\$150,00 150,00 150,00 150,00 150,00 150,00 150,00 150,00 150,00 150,00 150,00 150,00
	Total rent	•••••	1,800.00

#### PAID BY TREASURY.

June 20	The Public Printerdodo. Northern Pacific Rwy. Co	Binding 30 books	30.00 450.00
	Total		689.10

Date.	Name.	Nature of payment.	Total.
1903.	J. K. Haywood et al. H. W. Wiley. W. B. Alwood. A. L. Winton Wm. Frear. do. J. R. Galloway. J. H. Johnson & Son S. J. Beveridge. Francis Miller American Writing Machine Co. The Smith Premier Typewriter Co. Yawman & Erbe Manufacturing Co. Mallinckrodt Chemical Works. Delano & Moore. Woodward & Lothrop. do. Z. D. Gilman. Bausch & Lomb Optical Co. Christian Becker Mallinckrodt Chemical Works. do. do.		
July 31	J. K. Haywood et al.	Salaries	\$2,959.49
Aug. 1	H. W. Wiley	Traveling expenses	88.7
10 14	W. B. Alwood	Salary	50.00 3.8
14	Wm Freer	Traveling expenses Salary Traveling expenses do Co Electric cable Rent Ado Close	81.69
	do	do	24. 7
	J. R. Galloway	Electric cable	9 50
	J. H. Johnson & Son.	Rent	208.3
	S. J. Beveridge	do	25.00
15	Francis Miller	Glass	1.6
	American Writing Machine Co	Paper Typewriter Guides, etc	23. 7. 87. 7. 3. 9
177	The Smith Premier Typewriter Co	Typewriter	87.7.
17	Mallinelrodt Chemical Works	Chemicals.	3. 2
18	Delano & Moore	Plates etc	9.8
10 )	Woodward & Lothron	Soan, etc	9. 1
	do	7 vards warp.	9. 1 2. 0
	Z. D. Gilman	Chemicals	2.3
19	Bausch & Lomb Optical Co	Tubes	2.2
	Christian Becker	Balance	2.3 2.2 110.0
	Mallinckrodt Chemical Works	Chemicals Tubes Balance Chemicals  Chemicals  Chemicals  Chemicals	17.0 47.0
	TI TT-il Cli-l C	do	47.0
90	do. Henry Heil Chemical Co. M. Du Perow	do do Fan blade Cut oats, etc. Glass Traveling expenses do Apparatus, etc.	5. 2 2. 5
20		Cut oats etc	2.5
91	Francis Miller	Glass	1.3
21 22	Francis Miller Bernard H. Smith Lyman F. Kebler Eimer & Amend	Traveling expenses	4.0
24	Lyman F. Kebler	do	51.1
25	Eimer & Amend	Apparatus, etc	22.4
	do. E. G. Schafer & Codo.	Burettes, etc	35.0
27	E. G. Schafer & Co	Plugs	.7
0.1	do	Bushings Salaries Electric current	2.6
Sept. 4	J. K. Haywood et al.	Salaries	2,856.6 10.8
Sept. 4	J. K. Haywood et al Potomac Electric Power Co Washington Gas Light Co	Cos	36.5
8	W B Alwood	Salary	50.0
9	J. B. Espey	Bolts, etc.	6.8
	W. B. Alwood J. B. Espey Christian Becker J. H. Johnson & Son	Salary Bolts, etc. Balance.	6. 8 110. 0
	J. H. Johnson & Son	Rent	208.3
10	Hugh Reilly	Glue	1. 0 20, 4 4. 8
	U. S. Envelope Co	Envelopes	20, 4
	J. H. Bunnell & Co	Batteries	1.9
	Timon f. Amond	Chamicals	1. 5
	do	do	8.1
	Merck & Co	do	. 7
	Capital Traction Co.	120 tickets	5.0
	F. A. Schmidt	Calculating machine	32.0
	Francis Miller	Glass lights	3.8
	R. P. Clarke Co.	Toweling	11.7
11	W. T. Darrow	Violin sorows	9.6
	The Smith Premier Typesmiter Co	Rangire	5.0
	J. H. Johnson & Son Hugh Reilly U. S. Envelope Co J. H. Bunnell & Codo. Eimer & Amenddo Merck & Co Capital Traction Co F. A. Schmidt Francis Miller R. P. Clarke Co W. T. Darrow Sanders & Stayman Co The Smith Premier Typewriter Co Stark Tool Co The Zanesville Stoneware Co Louis Smith F. P. Veitch W. D. Bigelow Thos. Somerville & Sons.	Wire clinks	24.7
	The Zanesville Stoneware Co.	Rings	4.0
15	Louis Smith.	Hauling broken brick	1.0
16	F. P. Veitch	Traveling expenses	17 4
18	W. D. Bigelow	do	28.
21	Thos. Somerville & Sons	Castings, etc	28.3
	R. P. Andrews & Co. (Incorporated)	Clips	11. (
	National Electrical Supply Co	ran, etc	11. (
	TE C Cabafar & Ca	Toos	2.4
	Hugh Roilly	Paint etc	3, 5
24	Library Bureau	Sets of guides	7.
21	Henry Heil Chemical Co.	Beakers.	7.7 94.2
	do	Pipettes	23.
	Queen & Co. (Incorporated)	Hailing broken brick Traveling expenses do Castings, etc Clips Fan, etc Card Tees Paint, etc Sets of guides Beakers Pipettes Alcohol Wire Knife switch Salaries	6.0
	The Okonite Co. (Limited)	Wire	:6
	M. Du Perow.	Knife switch	9.747.5
30	W. D. Bigelow. Thos. Somerville & Sons. R. P. Andrews & Co. (Incorporated). National Electrical Supply Codo. do. E. G. Schafer & Co. Hugh Reilly. Library Bureau. Henry Heil Chemical Codo. Queen & Co. (Incorporated). The Okonite Co. (Limited). M. Du Perow. J. K. Haywood et al.	Salaries	2,747.
	Total first quarter		10, 255. 3
Oct. 3	Delano & Moore	Plates	2.3
8	Jelano & Moore Susan J. Beveridge do J. Harrison Johnson & Son. Wm. B. Alwood Rudolph, West & Co.	Rent	2.3 25.0
3	do.	do	25. (
		3	208.3
9	J. Harrison Johnson & Son	00	50.0

#### LABORATORY-Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Oct. 10	Z. D. Gilman Washington Gas Light Co do Woodruff Manufacturing Co	Thermometers, etc	\$117.67 23.90
	dodo.	do.	25. 80
	Woodruff Manufacturing Co	Cabinet. Hatchet, etc. Cotton waste, etc. Photo supplies Glass. Pipe.	43. 17
	James B. Lamble Co. (Incorporated)	Hatchet, etc	.72 9.16
	Delano & Moore.	Cotton waste, etc	9.16
	Francis Miller	Glass	1.07
	Thos. Somerville & Sons.	Pipe	1.07 7.23
	Woodward & Lothrop	Soap, etc. Currentdo	11 63
	Potomac Electric Power Co	Current	13. 30 6. 38 16. 00
12	Church & Stanhanson	Lumber	16.00
1.2	Dulin & Martin Co.	Crocks, etc.	2, 61
	John B. Espey	Crocks, etc. Fan and wire. Oil.	27.70
	Standard Oil Co	Oil	5,00
	Darber & Ross	Meat chopper, etc Repairs to typewriter Cross-section paper Gummed paper, etc	7.40
	Fred. A. Schmidt	Cross-section paper	. 55 7. 65
	John C. Parker	Gummed paper, etc	5. 15
21	Eimer & Amend	Chemicals, etc	38.35
22	Emil Graimar	Chemicals, etc. Tubing Burettes Cards	5. 83 14. 85
22	Library Bureau	Cards	14. 85
	Delano & Moore Francis Miller Thos. Somerville & Sons. Woodward & Lothrop. Potomae Electric Power Codo.  do. Church & Stephenson Dulin & Martin Co. John B. Espey. Standard Oil Co. Barber & Ross Densmore Typewriter Co. Fred. A. Schmidt John C. Parker Elmer & Amenddo. Emil Greimer Library Bureaudo.	Tin tray	1.75
	Whitall, Tatum & Co	Flasks. Lamps Dishes Wax seal	58.36 17.00
	Queen & Co. (Incorporated)	Lamps	17.00 63.21
23	J. Baumgarten & Sons	Way seal	1.25
, 20	F. A. Tschiffely, jr.	Bottles	3. 22 21. 75
	do. Whitall, Tatum & Co. Queen & Co. (Incorporated)do. J. Baumgarten & Sons. F. A. Tschiffely, jr. Ernest Betz. Dulin & Martin Co.	Bottles Copper tank	21.75
	Dulin & Martin Co	Dishes. Water baths (copper). Padlocks Pipe, etc.	9.45
	James B. Lambie Co. (Incorporated)	Padlocks (copper)	34.00 .67
	Thos. Somerville & Sons.	Pipe, etc.	53.42
	National Electrical Supply Co	Repairs	1.00
	John Lucas Co	Cans	18.00
	Perfection Chemical Co	Repairs Cans Mailing Fumigators	1.92 4.25
	Ernest Betz. Dulin & Martin Co. The Mathy Co. (Incorporated). James B. Lambie Co. (Incorporated). Thos. Somerville & Sons. National Electrical Supply Co. John Lucas Co. U. S. Mailing Case Co. Perfection Chemical Co. Sharpe & Dohme. The Grove Lime and Coal Co. George T. Ennis. J. Ross Collins.	Acid	19.75
	The Grove Lime and Coal Co	Lime Brass casting, etc	. 65
	George T. Ennis	Brass casting, etc	4. 56 24. 82
	George T. Enmis J. Ross Collins Franz Zerrahen Eberhard Faber Emil Greiner P. Pasteur & Co. The Torsion Balance Co. The Zanesville Stoneware Co. Christian Becker	Cotton bags Wine. Rubbers Rubber stoppers	. 84
	Eberhard Faber	Rubbers	. 84 1. 30
24	Emil Greiner	Rubber stoppers	55.00
	P. Pasteur & Co	Oil Scale Rings, etc. Repairing balance Repairing weights Telephone service Transportation Portation	1.00
	The Zanesville Stoneware Co	Rings etc	22.50 6.20
	Christian Becker	Repairing balance	32.25
00	The Chesapeake and Potomac Telephone Co. Blue Line Transfer Co.	Repairing weights	8. 13
28	Rhie Line Transfer Co	Transportation	6.25
	Brown Bros.	Potatoes, etc. Photo supplies Transportation Jars	. 87 6. 00
	Delano & Moore	Photo supplies	1.47
	The Geo. W. Knox Express Co	Transportation	1. 17 21. 28
29	Brown Bros. Delano & Moore The Geo. W. Knox Express Co. Mackall Bros Whitall, Tatum Co. do. J. H. Haywood et al William Frear. Walter Schumann	do	15.40
	do	do. Spats, etc. Salaries. Salary Reimbursement for cablegrams	6.94
31	J. H. Haywood et al.	Salaries	2,593.28
Nov. 2	William Frear	Salary	82. 26 64. 83
4	Walter Schumann Richard M. Bartleman Wm. Henry Bishop Geo. H. Wurnby	do	18.68
	Wm. Henry Bishop.	do	18. 68 5. 23
	Geo. H. Murphy	do Rent Salary. Traveling expenses.	36.41
7	William Fron	Kent	208.33 50.00
9	Bernard H. Smith	Traveling expenses	24, 25
	H. W. Wiley	Expenses	19.83
10 16	Wm. B. Alwood	Salary	50.00
17	Wm. Henry Bishop Geo. H. Murphy J. Harrison Johnson & Son William Frear Bernard H. Smith H. W. Wiley Wm. B. Alwood G. E. Colby Harold S. Van Buren Victor H. Morgan A. Homer Byington L. S. Depue	Expenses Salarydo Cablegrams	29.00
11	Victor H. Morgan	Categrams do	3.38 9.04
	A. Homer Byington	do	75.56
19 20	L. S. Depue.	Oats, etc.	1.16
20	L. S. Depue U. S. Mailing Case Co Manning, Maxwell & Moore Tuccolli & Pieretti	Vases, etc	8.16
	Tuccolli & Pieretti	Cases, etc. Weights Oil, etc.	12.00 2.70
	H. J. Patterson Curtice Brothers Co	Butter Canned goods	12.30 38.16

Date.	Name.	Nature of payment.	Tot
1903.		9	
ov. 20	Auguste Sandoz Curtice Brothers Co. Walter Hansing Z. D. Gilman Mackall Bros Remington Typewriter Co. Water Department D. C. Rudolph, West & Co. Washington Gas Light Co. Whitall, Tatum Co. do	Bread Canned goods Cablegrams	\$:
	Curtice Brothers Co	Canned goods	4
	Walter Hansing	Cablegrams	2
21	Z. D. Gilman	Weights Jars Letter paper Water pipe Locks, etc. Gas. Pipettes. Air baths, etc. Crucibles Truss rewired. Calcium chloride Traveling expenses Codo Cablegrams Salaries	2
	Mackall Bros.	Jars	7
	Water Department D C	Water pipe	7
	Rudolph, West & Co	Locks, etc	
	Washington Gas Light Co.	Gas	5
23	Whitall, Tatum Co.	Pipettes	:
	do	Air baths, etc	4
	Henry Heil Chemical Co	Crucibles	
	The Torsion Balance Co	Truss rewired	
07	Queen & Co. (Incorporated)	Calcium chloride	
25	W. D. Pigelew	Traveling expenses	
30	Tac A Smith	Cohlagrame	5
90	J K Haywood et al	Salaries	2, 5
c. 1	M. Du Perow.	Cut-outs	2,00
	Geo. F. Muth & Co.	Kalsomine, etc	
	Z. D. Gilman	Tubing, etc	18
	Whitall, Tatum Cododo do Henry Heil Chemical Co The Torsion Balance Co Queen & Co (Incorporated) Edward H. Jenkins W. D. Bigelow Jas. A. Smith J. K. Haywood et al M. Du Perow Geo. F. Muth & Co Z. D. Gilman Potomae Electric Power Cododo	Cablegrams Salaries Cut-outs. Kalsomine, etc Tubing, etc. Electric current Lamps. Rabbits and pigs Repairs Brushes Tickets. Wire gauge Card and tubing Pipe, etc. Transportation Packing, etc.	1
	Potomac Electric Power Cododo Edw. S. Schmid The Smith Premier Typewriter Co. Hugh Reilly Capital Traction Co. James B. Lambie Co. National Electrical Supply Co. Thos. Somerville & Sons. The Geo. W. Knox Express Co. E. G. Schafer & Co.	Lamps.	1
	Edw. S. Schmid	Rabbits and pigs	
	The Smith Premier Typewriter Co	Repairs	
	Capital Traction Co	Tielrots	
	James B. Lambie Co.	Wire gange	
	National Electrical Supply Co.	Card and tubing	
	Thos. Somerville & Sons	Pipe, etc.	
	The Geo. W. Knox Express Co	Transportation	
	E. G. Schafer & Co	Packing, etc	
	do	Plumber's supplies	
0	E. G. Schafer & Codo.  Densmore Typewriter Co.  Fred C. White.	Packing, etc. Plumber's supplies Covers Cans	
2	Fred C. White	Cans	
	Fimer & Amond		
	do Eimer & Amend do	Pipettes, etc	
	dodododo Bausch & Lomb Optical Co. Edward Green Capital Traction Co Woodward & Lothrop. Delano & Moore R. P. Clarke Co. Dulin & Martin Co	Lamps etc	
	Bausch & Lomb Optical Co.	Incubator, etc	
	Edward Green	Lamps, etc	
	Capital Traction Co	Tickets	
	Woodward & Lothrop	Desk.	:
	Delano & Moore	Photo supplies	:
	R. P. Clarke Co	Photo supplies Photo supplies Toweling Sausage grinder Tubes Provisions Milk and cream	
	Ernost Potz	Tubos	;
	Chas H Javine & Sone	Provisions	-
	Dulin & Martin Co Ernest Betz. Chas. H. Javins & Sons J. S. Thompson	Milk and cream	-
	John C. Rau		
	Engle Brothers Co.	Drovisions	-
	John C. Rau. Engle Brothers Co. Whitall, Tatum Co.	Provisions Glass rods	
	do	Flasks	6
	Queen & Co. (Incorporated)	Ammonia, etc	3
	Mitall, Tatum Codo.  do. Queen & Co. (Incorporated).  Henry Heil Chemical Co  Wm. H. Dyer.  A. A. Winfield  do.  Mackall Bros.  Julius Wile Sons & Co  G. M. Mann  Henry Lauts & Co.  Pascal, Dubsdat & Co  Curtice Brothers Co  Alis-Chalmers Co  F. Hollander & Co  V. J. Brown & Sons  The Mathy Co  The Torsion Balance Co  The American Distributing Co  The Burnet Co  Louis Smith	Flasks Ammonia, etc Peptone Storm windows Provisions	
	A A Winfield	Provisions	5
	do	Chickens	-
	Mackall Bros	Chickens Chemicals, etc	18
	Julius Wile Sons & Co	Wines	1
	G. M. Mann	Meat	2
	Henry Lauts & Co.	Claret	2
	Pascal, Dubsdat & Co	Wines Meat Claretdo Camed goods Steel	
	Curtice Brothers Co	Canned goods	1
	Allis-Chalmers Co.	Steel	
	F. Holiander & Co.	Wine. Olive oil.	
	V. J. Brown & Sons	Boiler	
	do do	Boiler Iron stands	1
3	The Torsion Balance Co	Repairs.	
3	The American Distributing Co	Alcohol	9
	The Torsion Balance Co. The American Distributing Co. The Burnet Co. Louis Smith. Wm. B. Alwood. Wm. Frear Melville A. Scovell. Henry A. Weber R. J. Davidson. Edward H. Jenkins. Wm. F. Frear	Batteries	9
4	Louis Smith.	Hauling	
	Wm. B. Alwood	Traveling expenses	1
	Wm. Frear	do	5
	Melville A. Scovell.	do	7
	Henry A. Weber	do	6
	R. J. Davidson	Salary	7

Date.	Name.	Nature of payment.	Total.
1903.			
Dec. 4	Wm. F. Frear Henry A. Weber. M. A. Scoville. Walter R. Lewis. Wm. B. Alwood. H. W. Wiley. Chas. H. Javins. Anguste Sandoz.	Salary	\$50.00
5	M. A. Scoville	do	45.00 45.00
	Walter R. Lewis	do	4,50
8 10	Wm. B. Alwood	Expenses	50.00 11.17
14	Chas. H. Javins.	Oysters, etc	18.72
	Chas. H. Javins. Auguste Sandoz. Chas. W. Brown. Pechin & Johnson. The J. C. Ergood Co do. G. M. Mann Joel Gutman. George E. Colby	Bread	17.00 3.70
	Pechin & Johnson.	Reporting.	100.00
	The J. C. Ergood Co	Provisions	51.00
	G. M. Mann	do	27. 03 58. 83
	Joel Gutman	Wine	3.00
	George E. Colby J. Harrison Johnson & Son H. J. Patterson	Salary Rent	30.00 208.33
16	H. J. Patterson	Rent . Butter	10.80
17	Wm. B. Alwood	Traveling expenses	3.00 16.36
	Harris Comer.	Pipettes.	3.00
	H. J. Patterson. Wm. B. Alwood. Queen & Co. (Incorporated). Harris Comer Yawman & Erbe Manufacturing Co. Mallinckrodt Chemical Worksdo.	Tubes. Pipettes Indexes. Chemicals.	3, 25 52, 87
	do	chemicalsdo	14. 45
	Emil Geiner H. Jaeger & Co Eimer & Amend Slee & Eisenbrandt Standard Oil Co	Balance	22, 50
	H. Jaeger & Co.	Wine Tubing	5, 95 10, 60
	Slee & Eisenbrandt	Bronze Gasoline	5.00
	Standard Oil Codo.	Gasolinedo	9.01 8.67
	J. T. Walker Sons	Paint	1.50
	J. T. Walker Sons. Joseph L. Crupper. W. B. Moses & Sons.	Sawdust Chair, etc.	.80
			8.05 1.30
	Geo. T. Ennis	Casting	5, 93
	Geo. T. Ennis.  Daremus Machine Co.  J. K. Bishop.	Shafting Photo supplies	1.50 2.47
	A. J. McKee & Co.	Scalpel, etc	4.00
	H. C. Coburn	Butter, etc.	6.00
	A. J. McKee & Co. H. C. Coburn Bellvue Dairy Farm J. S. Thompson	Scalpel, etc. Butter, etc. Milkdo	18.75 17.72
	A. A. Winfield	Chickens	2.00
	Geo F Muth & Co	Provisions Bronze, etc Plumber's materials	50.43 2.66
	E. G. Schafer & Co.	Plumber's materials	11.17
	James B. Lambie Co. (Incorporated)	Netting, etc.	1.50
	Fred. A. Schmidt	Netting, etc Hardware Sealing wax	1.62 .75
	Edgar J. Hulse.	Copper	3.00
	Susan J. Beveridgedo	Rent	25.00 25.00
19	Curtice Bros. Co.	do Canned goods	32, 82
26	James P. Smith & Co	Beef extract Smokestack	4.96 24.00
28	Eimer & Amend	Blocks.	3 10
	Geo. W. Caswell Co	Blocks Food samples	1. 23 2. 75
	J. K. Haywood	do. Expenses	11.70
	A. A. Winfield  do.  do.  Geo. F. Muth & Co.  E. G. Schafer & Co.  James B. Lambie Co. (Incorporated)  Rudolph, West & Co.  Fred. A. Schmidt  Edgar J. Hulse  Susan J. Beveridge  do.  Curtice Bros. Co.  James P. Smith & Co.  J. E. Hurley  Eimer & Amend  Geo. W. Caswell Co.  Schieffelin & Co.  J. K. Haywood  W. B. Moses & Sons  Z. D. Gilman	Expenses Chair	11.70 5.50
	Z. D. Gilman	Chemicals, etc	76, 58 38, 75
29	do. F. W. Bolgiano & Co. J. K. Haywood et al	Chemicals, etcdoFertilizerSalaries	2,687.65
31	J. K. Haywood et al	Salaries	2,687.65
	Total second quarter		12,915.24
1904.			
Jan. 2	F. G. Perkins	Salary.	50.00
7	Wilbert Melville	Photographs	15.00
	F. G. Perkins Wilbert Melville George T. Ennis. Thos. Somerville & Sons.	Salary. Photographs Casting. Lampwick, etc	6.25 3.74
	Hugh Reilly	Paint	1.60
	Hugh Reilly Capital Traction Co. Woodward & Lothrop	Taint Tickets Soap, etc Paper Electric current Gas	5.00 8.48
	John C. Parker	Paper.	6.25
	John C. Parker Potomac Electric Power Co Washington Gas Light Co	Electric current	19.26
8	Z. D. Gilman.		64, 40 30, 69
19	Woodruff Manufacturing Co	Cardcase	16.50
12	Z. D. Gilman Woodruff Manufacturing Co. Chas. H. Javins & Sons. H. C. Coburn.	Cardcase Chickens, etc Butter and eggs	6.06 37.02
		GO.	31102

Date.	Name.	Nature of payment.	Tota
1904.			
n. 12	Susan J. Beveridge	Rent	\$2
14	Susan J. Beveridge. Wm. B. Alwood. George E. Colby. Curtice Bros. Co. G. M. Mann. Eimer & Amend. Mallinckrodt Chemical Works Queen & Co. (Incorporated). R. J. Davidson.	Salarydo. Canned goods Meat Crucibles Chemicals Bulbs Salary	5
	George E. Colby	Conned and	5 2
	G M Mann	Maat	5
	Eimer & Amend	Crucibles	1
	Mallinckrodt Chemical Works	Chemicals.	-
	Queen & Co. (Incorporated)	Bulbs	
	Queen & Co. (Incorporated)  R. J. Davidson  The American Distributing Co.  Thompson & Leavitt.  Stephen L. Bartlett.  William L. Strauss & Co.  Hansell & Luneschloss.  Chas. F. Schmidt & Peters  Carl Zeiss.  The Hamilton Manufacturing Co.  F. L. Lee	Salary. Alcohol Wine. Chocolate.	5
	The American Distributing Co	Alcohol	3
	Thompson & Leavitt	Wine	
	William I. Strange & Co	Wine	
	Hansell & Luneschloss	do	
	Chas. F. Schmidt & Peters	do do Repairs to objective. Unit of cabinet Expressage Wire Tubing Dishes, etc Sodium Chemicals	
	Carl Zeiss.	Repairs to objective	
	The Hamilton Manufacturing Co	Unit of cabinet	1
	F. L. Lee	Expressage	
10	J. Bishop & Co	Wire	2
16	J. H. F. Hann.	Tubing	
	Fimer & Amend	Sodium	1
	do.	Chemicals	1
	The Hamilton Manufacturing Co. F. L. Lee J. Bishop & Co J. H. F. Hahn Bausch & Lomb Optical Co. Eimer & AmenddoJohn Lucas & Co Apfel-Murdoch Co. Henry Heil Chemical Cododo Pietro Cuneo A. A. Winfield Woodward & Lothrop Dulin & Martin Co. Hugh Reilly Bellvue Dairy Farm	Cans Slide boxes Chemicals	1
	Apfel-Murdoch Co	Slide boxes	
	Henry Heil Chemical Co	Chemicals	
10	Distance Company	do	1
18	Pietro Cuneo	Cablegrams Provisions Soap Crocks	2
	Woodward & Lothron	Soon	$\overline{4}$
	Dulin & Martin Co.	Crocks	
	Hugh Reilly	Shellac	
	Bellvue Dairy Farm Auguste Sandoz Dinsmore & Singleton Arthur H. Thomas Co	Shellac Milk and cream	3
	Auguste Sandoz	Bread Repairs to calorimeter	1
	Dinsmore & Singleton	Repairs to calorimeter	32
19	Arthur H. Thomas Co	Beakers, etc. Flasks Wine, etc.	11
19	Chas D Stone & Co	Wine ate	. 14
	Emil Greiner Chas. D. Stone & Co. W. H. Schimpferman Co.	do	
20	P. Pastene & Co.	Oil.	1
25	H. W. Wiley	oil Expenses Canned fruit	1
26	Curtice Bros. Co	Canned fruit	3
	Queen & Co. (Incorporated)	Condensers	
	Whitall, Tatum Co	Aspestos board	1
	W. H. Schimpierman Co. P. Pastene & Co. H. W. Wiley. Curtice Bros. Co. Queen & Co. (Incorporated). Whitall, Tatum Co. do. Eimer & Amend.	Condensers. Asbestos board. Spatulas, etc. Jars, etc.	2
	do	Acid	2
	The J. L. Mott Iron Works.	Acid. Strainers.	
	C. D. Stone & Co.	Wine	
	U. S. Mailing Case Co	Cases and bottles	
	U. S. Envelope Co	Envelopes Oxygen Beakers	1
	E. J. Lewis	Oxygen	1
	Elmer & Amenddo. do. The J. L. Mott Iron Works. C. D. Stone & Co U. S. Mailing Case Co. U. S. Envelope Co. E. J. Lewis. Henry Heil Chemical Co. Delano & Moore	Plates.	
	Delano & Moore. G. G. Cornwell & Son. Berger Bros. J. E. Hurley Chas. R. Edmonston.	Wine	
	Berger Bros	Boiler	2
	J. E. Hurley	Boiler Repairing pump	
	Chas. R. Edmonston	Tube, etc. Rent. Wire nails Screws, etc.	10
07	Harrison Johnson Rudolph, West & Co James B. Lambie Co Barber & Ross	Rent	13
27	Rudolph, West & Co	Wire nails.	
	Darberi & Peas	Buokets etc	
	Z. D. Gilman	Buckets, etc. Bunsen burners	
	Geo. F. Muth & Co.	Bronze	
	Potomac Electric Power Co	Electric current	2
	J. H. Thieriot	Cablegrams	
29	Jos. Campbell Preserve Co	Cablegrams Canned soup Thermometers, etc	2
21	L. D. Gilman.	Calaries	
31 b. 3	Washington Gas Light Co	Salaries	2,02
J. 3	Mackall Bros	Chemicals, etc	2,82 6 37
	Barber & Ross Z. D. Gilman Geo. F. Muth & Co. Potomac Electric Power Co. J. H. Thieriot Jos. Campbell Preserve Co. Z. D. Gilman J. K. Haywood et al. Washington Gas Light Co. Mackall Bros M. Du Perow The Chesapeake and Potomac Telephone Co. Pietro Cuneo H. W. Wiley Lamb & Tilden G. M. Mann	Chemicals, etc. Electric fittings. Telephone service. Cablegrams Expenses.	J.
8	The Chesapeake and Potomac Telephone Co.	Telephone service	
	Pietro Cuneo	Cablegrams	1
.)	H. W. Wiley	Expenses	2
	Lamb & Tilden	Stencils. Provisions. Bread. Butter.	1
	G. M. Mann Auguste Sandoz D. Wm. Oyster	Prood	4
		DIESU	1

Date	. Name.	Nature of payment.	Total.
1904.			
Feb.	9 John B. Espey. R. P. Clarke Co. Bellvue Dairy Farm Susan J. Beveridge. J. Harrison Johnson & Son	Locks	\$17.75
	R. P. Clarke Co.	Toweling. Milk and cream. Rent.	11.53
	Susan I Reveridge	Rent.	32. 28 25. 00
	J. Harrison Johnson & Son	Tubes for cans	208.33
			10.50
,	Barber & Ross.  Wm. B. Alwood. George E. Colby.	Grater, etc. Salarydo	1.40 50.00
	George E. Colby	Salary	42.00
	R. J. Davidson  The Garden City Sand Co.  The Randolph Paper Box Co.	do	22.58
]	2 The Garden City Sand Co	Sand Boxes	6.40
2	Menzel & Co.  Menzel & Co.  Mallinckrodt Chemical Works  Aug. Luchow.  J. T. Silva Banking and Commercial Co.  Chas. D. Stone & Co.  Henry Luchemann  T. Lenzie & Co.  Victor Lenke	Ham.	13.00 4.24
	Mallinckrodt Chemical Works	Chemicals.	17. 95
	Aug. Luchow	Caviar Beer	13.75
	J. T. Silva Banking and Commercial Co	Beer	1.60
	Unas. D. Stone & Co.	Oil and wine Cases and bottles	2.93 8.16
	Henry Luchemann	Wine.	2.75
	T. Lenzie & Co	Wine. Oil.	. 84
	Victor Lemke	Wine. Olive oil.	2, 25
	Francis H. Leggett & Co	Olive oil	2.60 2.00
	Victor Lemke Francis H. Leggett & Co Lamanna, Azema & Farnan Emil Greiner Paul Gelpi & Son	Sauce Cylinders Wine	26.94
	Paul Gelpi & Son.	Wine	2.85
	do Ad. Chr. Engelbrecht. Eimer & Amend	do	. 65
	Ad. Chr. Engelbrecht	do Filter paper	2.02
	dodo.	Sodium.	11.25 15.55
	do	Britshes	2,72
	J. Bishop & Co The Baker & Adamson Chemical Co	Wire. Bromine.	21.90
	The Baker & Adamson Chemical Co	Bromine	4, 25
	Arbuckle Bros	Coffee	14.41 39.55
9	A Artickie Fros.  The American Distributing Co.  Potomac Electric Power Co. Geo. F. Muth & Co. E. Morrison Paper Co. Francis Miller	Alcohol Electric current Scale	20.62
	Geo. F. Muth & Co	Scale	1.80
	E. Morrison Paper Co	Labels	12, 29
	Francis Miller Mackall Bros The Geo. W. Knox Express Co. Woodward & Lothrop A A Winfold	Oil and glass Ether, etc. Transportation	4. 28 288. 42
	The Geo. W. Knox Express Co.	Transportation	10 42
	Woodward & Lothrop	Soap	10. 42 3. 75
	Woodward & Lothrop A. A. Winfield Washington Gas Light Co. E. F. Vermillion H. C. Coburn Adams Express Co Capital Traction Co. Church & Stephenson Dulin & Martin Co.	Provisions	48.42
	E F Vermillion	Inspecting holler	33, 10 5, 00
	H. C. Coburn	Eggs	1.00
	Adams Express Co	Eggs Transportation	78.74
	Capital Traction Co	TicketsLumber	5.00
	Dulin & Martin Co	Saucepans	6, 49 4, 80
	Z. D. Gilman Thos. Somerville & Sons.	Crocks	2,40
	Z. D. Gilman	Desiccators, etc. Pulley, siphon, etc.	190, 10
	Thos. Somerville & Sons	Pulley, siphon, etc	14.85 3.20
	Louis Hartig E. G. Schafer & Co Woodward & Lothrop Western Union Telegraph Co.	Files. Valves.	5. 20 76
	Woodward & Lothrop.	Soap.	.76 2.40
	Western Union Telegraph Co	Telegraph service	10.57
Mar.	29 J. K. Haywood et al	Salaries Copper pans Supplies for machine room Shovel	2,787.20 1.20
mai.	3 The Mathy Co (Incorporated) Thos. Somerville & Sons Rudolph, West & Co	Supplies for machine room	6.60
	Rudolph, West & Co	Shovel	. 88
	E. J. Lewis	Oxygen. Glycerin, etc. Laundry. Repairing engine	10.00
	Delano & Moore	. Glycerin, etc	1.63 15.10
	J. E. Hurley	Repairing engine.	45, 50
	The Geo. W. Knox Express Co	Transportation Pipettes, etc. Wine	4.67
	4 Eimer & Amend	Pipettes, etc	51. 95 2. 40
	Rudolph, West & Co. E. J. Lewis. Delano & Moore. Harvard Laundry Co. J. E. Hurley. The Geo. W. Knox Express Co. Eimer & Amend. Julius Wile Sons & Co. Yawman & Erbe Manufacturing Co. Carl Zeiss.	Perforator	2.40 1.50
	Carl Zeiss.	Perforator	13, 11
	Ridenour Baker Grocery Co. The Standard Calorimeter Co.	Canned goods Sodium	1. 14 9. 25
	The Standard Calorimeter Co	Sodium	2 01
	Whitall, Tatum Co	Wine	4, 17
	do	Bottles Flasks, etc Expenses Salary	4. 17 76. 35 22. 92
	7 H. W. Wiley	Expenses	22.92
	10 Geo. E. Colby	. Salary	70.00 50.00
	John Weisenburger	do	50.00 41.65
	Postal Telegraph-Cable Co	Telegraph service	3. 69
	, 2 5-000 2 Gregara Carrie Co	- Longraph Service	0,00

#### LABORATORY—Continued.

	DABOTATORI—Continued.		
Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 11	U. S. Express Co.	Transportation	\$33.63
	Fred. A. Schmidt	Cross-section paper	96
16	Charles Caughy	Cablegrams	11.84
17	Fred. A. Schmidt Charles Caughy A. A. Winfield J. Harrison Johnson & Sons	Cablegrams Provisions Rent	24.80
	J. Harrison Johnson & Sons		208.33 25.00
18	Susan J. Beveridge	Groveries Chickens, etc Butter and eggs Bread	69, 44
10	G. M. Mann. The J. C. Ergood Co. Chas. H. Javins & Sons.	Groceries	69. 44 55. 72
	Chas. H. Javins & Sons	Chickens, etc	22, 75
	D. Wm. Oyster. Auguste Sandoz John Lucas & Co.	Butter and eggs	44.38
21	Auguste Sandoz	Bread	22, 90
21	A. C. Rowe	Cans. Fire extinguishers.	2, 16 48. 00
	Arthur H. Thomas Co.	Beakers.	73, 20
	#Henry Vehslage	Ham, etc	6, 56
	A. C. Rowe. Arthur H. Thomas Co	Beakers. Ham, etc. Photo supplies.	2.57
	Fred. C. White J. Weber Julius Wile, Sons & Co. The Baker & Adamson Chemical Co.	Alcohol cans	9.00 8.00
	Julius Wile Sons & Co	Caviar Wine	1.87
	The Baker & Adamson Chemical Co	Potassium	13.00
	J. C. Bernhardt's Sons.	Wine	1.41
	Wm. Albrecht	do	3.40
	Emil Greiner	Burettes	17. 10
	Goo W Caswell Co	Bottles	12.00 .83
	Mm. Albrecht. Emil Greiner Eimer & Amend. Geo. W. Caswell Co. Fraz Schmidt & Haensch Rudolph, West & Co. Potomac Electric Power Co.	Olive oil Polariscope, etc Rules Electric current	99.00
22	Rudolph, West & Co.	Rules	.90 21.99 127.20
	Potomac Electric Power Co	Electric current	21.99
	Mackall Bros. E. J. Lewis. Harvard Laundry Co. John B. Espey. Delano & Moore. Thos. Somerville & Sons.	Chemicals Oxygen	127. 20
	E. J. Lewis.	Washing towels	10.00
	John R. Esney	Locks, etc	. 12 7. 98
	Delano & Moore	Locks, etc. Photo supplies Steam fittings, etc.	4.85
	Thos. Somerville & Sons	Steam fittings, etc	25.17
	Woodward & Lothrop	Can openers	. 60 65. 10
	Washington Gas Light Co	Laundry work	95.10
	Woodward & Lothrop. Washington Gas Light Co. The Tollman Laundry. E. G. Schafer & Co. Bellvue Dairy Farm. C. A. Dammann & Co. The German-American Provision Co.	Gan openers. Gas Laundry work Pipe Milk and cream	. 87 1. 15
24	Bellvue Dairy Farm	Milk and cream	33.43
	C. A. Dammann & Co	Wine	3.00
	The German-American Provision Co	Ham	5, 94
	P. Pastene & Co.	Oil. Oil, etc. Expenses.	1.60
26	W D Rigelow	Expenses	2.93 70.18
20	F. W. Bolgiano & Co.	Cart	6.75
	R. Carter Ballantyne	Cases, etc. Lancet, etc. Hasps, etc.	19,52
	Bausch & Lomb Optical Co	Lancet, etc	6.23 .40
	P. Pastene & Co. C. D. Stone & Co. W. D. Bigelow. F. W. Bolgiano & Co. R. Carter Ballantyne. Bausch & Lomb Optical Co. Barber & Ross.	Tubes	1.68
	Capital Traction Co	Tickets	5.00
	Leidy S. Depue. Eimer & Amenddo	TicketsFeed	3.72
	Eimer & Amend	Crucibles	11.15
	do	Glasses, etc	11. 25
	do. Frosberg & Murray. Z. D. Gilman Henry Heil Chemical Co. do. The Geo. W. Knox Express Co. Library Bureau Mackall Bros.	Flasks, etc. Repairing boiler	21, 15 22, 50
	Z. D. Gilman	Tubing, etc	75.05
	Henry Heil Chemical Co	Pencils	2,00
	do	CylindersTransportation	62.17
	The Geo. W. Knox Express Co	Transportation	2.02 2.00
	Library Bureau	Trays	250.07
	do	Beakers, etc. Potash.	5. 70
	do Mallinckrodt Chemical Works	Chemicals	18, 13
		Sodium	22.00
		Iron jacket	11.50 73.00
	The Mathy Co. (Incorporated)	Lamps	5. 34
	Queen & Co (Incorporated)	Alcohol, etc.	5.34 12.30 10.05
8+77	Thos. Somerville & Sons	Alcohol, etc. Repairing, etc. Steam trap, etc.	10.05
2.79	do	Steam trap, etc	13.70
	The Mathy Co. (Incorporated) Potomae Electric Power Co. Queen & Co (Incorporated) Thos. Somerville & Sons. do. E. G. Schafer & Co.	Unions Envelopes Traveling expenses	1. 98 3. 43
29	F P Veitch	Traveling expenses	50, 73
31	U. S. Envelope Co. F. P. Veitch. J. K. Haywood et al.	Salaries	3,071.10
01			
	Total, third quarter		14,929.41
Annil C		Expenses	29.89
April 6	H. W. Wiley. J. Harrison Johnson & Son.	Expenses	÷208, 33
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Da	te.	Name.	Nature of payment.	Total.
190	4.			
Apri	1 9	Wm. B. Alwood. Geo. E. Colby National Electric Supply Co. Joseph P. Smith. G. M. Mann James B. Lambie Co. R. P. Andrews & Co. (Incorporated) Susan J. Beveridge R. P. Clarke Co. Brown Bros	Salary	\$50.00
		Geo. E. Colby	Sockets	85, 00
		National Electric Supply Co	Sockets	3.60
		Joseph P. Smith	Basket	1.00
		James R Lambia Co	Provisions Wire gauze	67.88 3.54
		R. P. Andrews & Co. (Incorporated)	Cardboard Rent Toweling Potatees Transportation	3.20
		Susan J. Beveridge	Rent.	25.00
		R. P. Clarke Co	Toweling	12, 50
		Brown Bros.	Potatoes	2.30
		Brown Bros. The Geo. W. Knox Express Co. Washington Gas Light Co. Potomac Electric Power Co. The Baker & Adamson Chemical Co. Carey Machinery and Supply Co. Curtice Bros. Co. Eimer & Amend.	Transportation	1.43
		Washington Gas Light Co	Gas. Electric current.	68.10
	11	The Reker & Ademson Chemical Co	Acid.	20.88 6.00
	11	Carey Machinery and Supply Co	Pulley.	1.60
		Curtice Bros. Co.	Pulley Canned goods Chemicals	43, 80
		Eimer & Amend	Chemicals.	43.80 6.90
		do.  do. Charles Graef & Co. Henry Heil Chemical Co. Whitall, Tatum Co. Queen & Co. (Incorporated) Baker & Co. (Incorporated) Chas. H. Javins & Sons. The Tolland Laudyy	do	6.80
		Charles Graef & Co	Wine Beakers	4.88 50.70
		Henry Heil Chemical Co.	Beakers	50.70
	12	Whitall, Tatum Co	Reagents	3.64
		Palar & Co. (Incorporated)	Flasks Repairing Oysters	13.13 49.50
	14	Chae H Javine & Sone	Oveters	45.50
	14	Chas. H. Javins & Sons The Tolman Laundry Auguste Sandoz D. Wm. Oyster Edw. J. Crowley A. A. Winfield Postal Telegraph-Cable Co Brown Bros Eastern Drug Co Curtice Bros. Co. Queen & Co. (Incorporated) Merck & Co. J. W. Schaefer	Laundry	2.70
		Auguste Sandoz	Laundry Bread Butter, etc.	18.70
		D. Wm. Oyster	Butter, etc	29.55
	15	Edw. J. Crowley	Salary	10.50
	18	A. A. Winfield	Provisions Telegraph service Potatoes	43.82
		Postal Telegraph-Cable Co	Telegraph service	1.59 4.00
	10	Brown Bros.	Potatoes	4.00
	19	Curtico Bros Co	Oil and wine. Canned goods. Paraffin, etc. Scales, etc.	3.52 16.47
	22	Queen & Co. (Incorporated)	Paraffin etc	10.18
		Merck & Co.	Scales, etc.	7. 54
		J. W. Schaefer.	Caviar	8.00
		W. A. Taylor & Co	Wine Oil	. 84 2. 20
		Merck & Co. J. W. Schaefer W. A. Taylor & Co. Drake Bros. Co. Eimer & Amenddo. E. C. Hazard American Writing Machine Co. Dulin & Martin Co.	Oil	2.20
		Elmer & Amend	Tubing, etc Watch glasses Oil Paper	33.55
		T. C. Traggard	watch glasses	10.70
	25	American Writing Machine Co	Paner	1. 83 23. 75
	20	Dulin & Martin Co	Crocks	3.00
		do	Chopper, etc.	2.30
		Delano & Moore	Crocks. Chopper, etc. Photo supplies.	10.19
		do	Gasoline Elm stools Telephone service Bottles. Chemical	0.97
	28	W. B. Moses & Sons	Elm stools	1.80 6.23 9.11
	29	The Chesapeake and Potomac Telephone Co.	Telephone service	6.23
	29	Henry Heil Chemical Co	Chemical	9.11
		Arbuekle Bros	Coffee	10.00
	30	Edw. J. Crowley	Salary	13.50
	00	J. K. Haywood et al.	Salaries	3, 119. 96
May	4	Emil Greiner	Rubber stoppers	60,00
		W. B. Moses & Sons The Chesapeake and Potomac Telephone Co. Levi Ottenheimer. Henry Heil Chemical Co. Arbuckle Bros. Edw. J. Crowley. J. K. Haywood et al. Emil Greiner. Kildall Fish Co. Whitall, Tatum Co. J. C. Bernhardt's Sons.	Chemical Coffee Salary Salaries Rubber stoppers Fishballs, etc Vials Boxing bottles Sodium	3.75 5.72
		w mtail, Tatum Co	Vials	5.72
		J. C. Bernhardt's Sons.	Boxing bottles	2,00
		The Standard Colorimeter Co	Sodium	2.58 9.25
		Oneen & Co (Incorporated)	Chemical	30.00
		Wallinekrodt Chemical Works	do	15.96
		Midget Novelty Co.	Stapling machine, etc.	4. 2
		J. C. Berlinard's Sons John Miller & Co. The Standard Calorimeter Co. Queen & Co. (Incorporated) Mallinckrodt Chemical Works Midget Novelty Co. Eimer & Amend.	Stapling machine, etc	4. 25 15. 25
		do. Kolesch & Co Wm. L. Dunham D. Frank Parker National Electric Supply Co	Pipette, etc.	8.50
	0	Kolesch & Co.	Slide rule	20.00
	6	W m. L. Dunnam	Kepairing machine	15.00
		National Flactric Supply Co	Soldering iron	2. 80 7. 20
			Silk cord	1.87
		Francis Miller	Glass	1.83
		Remington Typewriter Co	Typewriter, etc	96.95
		Remington Typewriter Co The Baker & Adamson Chemical Co J. Harrison Johnson & Son.	Typewriter, etc. Potassium Rent	12:00
		J. Harrison Johnson & Son	Rent	12:00 208.33
	7	Thos. Chick	Salary	49.50
	11	Wm. B. Alwood	do	50.00
	12	Paul Colni & Con	Salarydo Expenses.	28.51 2.39
	12	J. Raumgarten & Son	Type.	2, 39
		Thos. Chick Wm. B. Alwood H. W. Wiley Paul Gelpi & Son J. Baumgarten & Son F. P. May & Co S. Kann, Sons & Co	Traps. Toweling.	.35 2.76
			114 DO	4.10

Date.	Name.	Nature of payment.	Total.
1904.			
May 12	Mrs. A. A. Winfield Susan J. Beveridge Thos. Somerville & Son Rex Sanitary Appliance Co.	Bon Ami.	\$2.00 25.00
13	Susan J. Beveridge	Rent. Clamps, etc.	25, 00 25, 90
10	Rex Sanitary Appliance Co.	Disinfectors.	8.00
	Z. D. Gilman Western Union Telegraph Co.	Disinfectors. Chemicals, etc. Telegraph service.	8. 00 134. 76 8. 70
	Western Union Telegraph Co	Telegraph service	8.70
	Woodward & Lothrop F. J. Lewis The Geo. W. Knox Express Co. Blue Line Transfer Co.	Chairs, etc. Oxygen. Transportationdo	22. 14 10. 00
	The Geo. W. Knox Express Co	Transportation	9 70
	Blue Line Transfer Co	do	40
	Rerber & Poss	Bucket.	3.77
	Capital Traction Co.	Bucket Tickets Cotton waste, etc Bond paper Brushes, etc Services Cablegram Salary do Onium	1.79 5.00
	James B. Lambie Co. (Incorporated)	Cotton waste, etc	15.11
	American Writing Machine Co	Bond paper	23.75
14	E. J. Crowley	Services	3, 54 18, 00
16	Wm. A. Prickett.	Cablegram	1.96
	George E. Colby.	Salary	40.00
17 18	Edw. J. Crowley	Onjum	3.00 18.50
10	Geo. D. Feidt & Co.	Opium Chemicals do	40 98
	do	do	10. 20 64. 70
	Blue Line Transfer Codo.  do. Barber & Ross Capital Traction Co James B. Lambie Co. (Incorporated) American Writing Machine Co Rudolph, West & Co E. J. Crowley Wm. A. Prickett George E. Colby. Edw. J. Crowley Smith, Kline & French Co Geo. D. Feidt & Co do. Bellvue Dairy Farm A. A. Winfield D. Wm. Oyster Auguste Sandoz G.M. Mann	Milk and cream	64.70
	D. Wm. Oyster	Provisions	61.05 30.55
	Auguste Sandoz.	Bread	17.15
	G.M. Mann Eimer & Amend The Tolman Laundry	Meat Chemicals, etc Laundry work Dishes, etc Copper tubing, etc Packing Boxes Alcohol	61.29 17.90
19	Elmer & Amend	Unemicals, etc	17.90 3.71
	Z. D. Gilman	Dishes, etc.	49. 24
	Z. D. Gilman Thos. Somerville & Sons do	Copper tubing, etc	16.29
	do	Packing	5.16
	Alex Schmid. The American Distributing Co. (A. I Web-	Alcohol	2.50 38.50
	ber & Sons, Br.).	111001101111111111111111111111111111111	00.00
20	do	Cans	39.07
	Queen & Co. (Incorporated)	Chemicals	5.85 - 19.30
	do. Queen & Co. (Incorporated) Eimer & Amend. Library Bureau. Philip G. Affleck Hugh Reilly. Francis Miller The Smith Premier Typewriter Co. Woodward & Lothrop. Rudolph, West & Co. Church & Stephenson Pascal, Dubedat & Co.	Flasks	28.85
	Philip G. Affleck	Cards Liquozone	1.00
	Hugh Reilly	Asphaltum	1.60
	The Smith Premier Typewriter Co	Glass . Typewriter	1.07 87.75
	Woodward & Lothrop.	Cotton, soap, etc. Pliers, etc Lumber. Wine.	11. 27
	Rudolph, West & Co	Pliers, etc.	1. 20 7. 15
	Church & Stephenson	Lumber	1.08
	Weis Bros	do	2.78
	The Holtz & Freystedt Co Valerio Dalle Luche	Ham, etc	9.53
0.4	Valerio Dalle Luche	Oil	1. 25
24	Fred. A. Schmidt Mackall Bros	Ham, etc Oil Drawing paper Alcohol, etc Repairs to balance Charical etc	7.65 131.13
	The Torsion Balance Co.	Repairs to balance	. 30
	The Torsion Balance Co. Queen & Co. (Incorporated).		15.81
	Emil Greiner Capital Traction Co Washington Gas Light Co	Tickets	10. 44 5. 00
26	Washington Gas Light Co	Tickets. Gas.	50.60
	E. G. Schafer & Co.	Tin pipe.	10.00
	Thos. Somerville & Sons	Pipes, etc	1.2- 12.51
	Washington Gas Light Co. E. G. Schafer & Co. Thos. Somerville & Sons. Potomae Electric Power Co. National Electric Supply Co. H. W. Wiley do. Arthur Given Jno. K. Haywood et al. H. A. Weber do. Edward H. Jenkins	Tin pipe Pipes, etc Flectric current Reflectors, etc Traveling expenses do Expenses	6.30
27	H. W. Wiley	Traveling expenses	17. 28 49. 20
	do	do	49.20
31	Artnur Given	Expenses	24.40 3, 156.19
June 1	H. A. Weber	Salary	45.00
	do	Salaries Salary Traveling expenses	79.60
	Edward H. Jenkins.	do	30.70
3	Eimer & Amend	Bottles, etc.	35. 00 7. 05
3	Dulin & Martin Co.	Sauce pan	.81
	Densmore Typewriter Co	Repairs.	.80
	etward if Johnson do Eimer & Amend Dulin & Martin Co. Densmore Typewriter Co. D. H. Burrell & Co. Brown Bros.	do Salary Bottles, etc Sauce pan Repairs Mik tester Potatoes	21.00 4.00
	Brown Bros. The American Distributing Co	Alcohol	39.35
	Adams Express Co	Alcohol Transportation Stools and table	230 87
	W. B. Moses & Sons S. C. Herbert Importing Co Henry Heil Chemical Co	Stools and table	13.64 2.92
	S. C. Herbert Importing Co	Wine. Chemicals, etc.	2.92 4.65
	Honry Hoil Chemical Co	Chamles is atc	

te.	Name.	Nature of payment.	Total
)4.			
3	Henry Heil Chemical Co.  Mary E. Parker, executrix.  National Electric Supply Codo.  U. S. Express Cooseph P. Smith Thos. Somerville & Sons. Wickline & Campbell H. W. Wiley Thomas Chick W. D. Bigelow. The Tolman Laundry. Mallinckrodt Chemical Worksdo.	Chemicals, etc	\$8
	Mary E. Parker, executrix	Paper	6 26
	National Electric Supply Co	Paper Fando	26 10
	II S Evarges Co	do Transportation Jelly Fittings Building skylight, etc Expenses Salary Expenses Laundry work Chemicals do Condensers	94
	Losenh P Smith	Telly	1
	Thos, Somerville & Sons	Fittings.	1 2
	Wickline & Campbell	Building skylight, etc.	33
4	H. W. Wiley	Expenses	26
6	Thomas Chick	Salary	51 29
	W. D. Bigelow	Expenses	29
	The Tolman Laundry	Laundry Work	3
	Mailinekroot Chemical Works	Chemicals	4 10
	Mallinekrodt Chemical Works do Queen & Co. (Incorporated) D. Wm. Oyster Renauld & Niederstadt Alex Schmid E. G. Schafer & Co Albert Parsons M. A. Scovell Wm. B. Alwood M. A. Scovell	Condensers	14
	do.	Bulbs	4
	D. Wm. Oyster	Bulbs Butter and eggs Wine	39 7 2
	Renauld & Niederstadt	Wine.	7
	Alex Schmid	Boxes	2
	E. G. Schafer & Co	Caps. Salary	1
8	Albert Parsons	Salary	50
	M. A. Scovell	do	45
	W.M. B. AlWood	do Traveling expenses Expenses Traveling expenses	50
11	E R Cordnor	Fynancae	84 1
11	William Frear	Traveling expenses	68
	Geo. E. Colby	Salary.	20
	William Frear Geo. E. Colby G. M. Mann J. Harrison Johnson & Son	Meat	59
	J. Harrison Johnson & Son	Rent	208
20		Lumber	28
	J. H. Bunnell & Co. Brown Bros.	Acid, etc. Batteries	5]
	J. H. Bunnell & Co	Batteries	4
	Brown Bros.	Potatoes.	905
	Mackall Dros	Chemicals Fan blade	205
	Mackall Bros National Electric Supply Codo.	Stortor	1
	do	Repairs to motor	2
	Rudolph, West & Co	Taps and dies	į
	do Rudolph, West & Co do Potomac Electric Power Co	Taps and dies do Electric current	4
	Potomac Electric Power Co	Electric current	8
		Chair	(
	Mackall Bros Geo. F. Muth do G. G. Cornwell & Son	Chemicals. Lead and oil.	217
	Geo. F. Muth.	Lead and oil	J
	G G Cornwell & Son	Fitches Provisions	1 24
	O. G. Collinell & Son A. Chichizola D. Canale & Co Chapin & Gore Jos. Campbell Preserve Co John Eppler Chas. R. Edmonston M. Du Parow	Oil	29
	D. Canale & Co	Oil Wine	2
	Chapin & Gore	do	1
	Jos. Campbell Preserve Co	Soup Vinegar generator. etc. Buckets	10
	John Eppler	Vinegar generator. etc	9
	Chas. R. Edmonston	Buckets	]
	M. DuPerow	Bell	97
	Chas. R. Edmonston. M. DuPerow. Adams Express Co. Philip G. Affleck. Barber & Ross. Bausch & Lomb Optical Co. Bellvue Dairy Farm. James B. Lambie. The Geo. W. Knox Express Co. Henry Heil Chemical Co. do. O. G. Hempstead & Son	Transportation Orangeine	97
	Barber & Ross	Hasps, etc.	J
	Bausch & Lomb Optical Co	Bulbs	
	Bellvue Dairy Farm	Bulbs Milk and cream	28
	James B. Lambie	Hooks, etc	
	The Geo. W. Knox Express Co	Transportation	3
	Henry Heil Chemical Co	Hooks, etc. Transportation. Chemicalsdo	4
	O C Hompstood & Com	Wine	5
	Edward Hinkle Co	Wine	1
	Frank C. Henry	Orangeine	1
	M. F. Hobson	Papering	18
	Emil Greiner	Rubber stoppers	18
	Mallinekrodt Chemical Works	Chemicals	14
	O. G. Hempstead & Son. Edward Hinkle Co. Frank C. Henry. M. F. Hobson Emil Greiner Mallinekrodt Chemical Worksdo	Brandy. Orangeine Papering. Rubber stoppers Chemicals. do	8
	Menzel & Co	Ham	4
	Munenhon & Korber	Wine. Ham	3
	Menzel & Co. Mullenhoff & Korber Meyer & Lange National Mortar Co A. Porges Queen & Co. (Incorporated) Standard Oil Co. Fred. A. Schmidt E. G. Schafer & Co.		5 2
	A. Porges	Cement	6
	Queen & Co. (Incorporated)	Alcohol squibbs	2
	Standard Oil Co	Wines Alcohol squibbs Oil Mat board Lead Tank	11
	Fred. A. Schmidt	Mat board	i
	E. G. Schafer & Co	Lead	1 3 3 7
	Chas. F. Schmidt & Peters. Auguste Sandoz	Tank	3
		Wines	7

Date.	Name.	Nature of payment.	Total.
1904.			
June 20	B. F. Starr & Co Western Union Telegraph Co. Washington Gas Light Co. Woodward & Lothrop. do do	Bolting cloth. Telegraph service Gas Carpet. Shades, etc. Couch Desks, etc.	\$8.63
	Washington Gas Light Co	Gas	. 26 63. 70
	Woodward & Lothrop	Carpet.	10.72
	do	Shades, etc	11.50
	do	Couch Dealer ata	39.00
	do The American Distributing Co.	Alcohol	81.05 39.21
	A. A. Winfield. A. van Branchie Henry Vehslage J. M. Vergnole W. A. Taylor Thos. Somerville & Sons.	Provisions.	47 25
	A. van Branchie	Oil. Sausages	.75
	I M Vergnole	Sausages. Wines.	. 90 5. 50
	W. A. Taylor.	Oil	2.29
	Thos. Somerville & Sons	Pulley Supplies for machine room	1.50
	Thompson & Loggitt	Supplies for machine room	24.41
	Arthur H. Thomas Co	Scale	10.36 1.50
21	Thompson & Leavitt Arthur H. Thomas Co H. W. Wiley Susan J. Beveridge A. Glovanno & Co	Wines Scale Traveling expenses	28. 10
25 29	Susan J. Beveridge	Rent Cognac Transportation Glass	25.00
29	A. Giovanno & Co. Blue Line Transfer Co. Francis Miller.	Transportation	2.00
	Francis Miller	Glass	2.21 6.02
	David Leverone	Oil	1.00
	The Geo. W. Knox Express Co	Transportation	1.28
	Francis Miller.  David Leverone. The Geo. W. Knox Express Co. James de Fremery & Co. Berkeley Co. Julius Wile Sons & Co. do. Polarios & Co. Mackall Bros. La Manna, Azema & Farnan. The Holtz & Freystedt Co. do. O. G. Hemstead & Son. Jno. K. Haywood et al.	wine	5.28 1.80
	Julius Wile Sons & Co.	Wines	3.39
	do	do	1.79
	Polarios & Co	Oil	2.00 37.49
	La Manna Azema & Farnan	Wine	2.15
	The Holtz & Freystedt Co.	do	1.38
	do	do	1.54
30	Jno. K. Haywood et al	Coloring	1.80
50	JIIO. K. Haywood et al	Salaties	3, 180. 60
	Total fourth quarter		15,365.02
	_		
	Supplemental.		
July 5	Supplemental.  Geo. E. Patrick.	Expenses	9.95
July 5	Supplemental.  Geo. E. Patrick.	Expenses	9. 95 50. 00 30. 00
	Supplemental.  Geo. E. Patrick.	Expenses	9. 95 50. 00 30. 00
	Supplemental.  Geo. E. Patrick.	Expenses	9.95 50.00 30.00 126.67 41.78
	Supplemental.  Geo. E. Patrick.	Expenses	9. 95 50. 00 30. 00 126. 67 41. 78 20. 83
	Supplemental.  Geo. E. Patrick.	Expenses	9. 95 50. 00 30. 00 126. 67 41. 78 20. 83 34. 61
	Supplemental.  Geo. E. Patrick.	Expenses	9. 95 50. 00 30. 00 126. 67 41. 78 20. 83 34. 61 53. 10 12. 15
	Supplemental.  Geo. E. Patrick.	Expenses	9. 95 50. 00 30. 00 126. 67 41. 78 20. 83 34. 61 53. 10 12. 15 2. 63
	Supplemental.  Geo. E. Patrick.	Expenses	9, 95 50, 00 30, 00 126, 67 41, 78 20, 83 34, 61 53, 10 12, 15 2, 63 25, 00 208, 33
	Supplemental.  Geo. E. Patrick.	Expenses Services do do Expenses Milk and cream Meat Vegetables, etc Bread Laundering towels Rent of building do Olive oil	9, 95 50, 00 30, 00 126, 67 41, 78 20, 83 34, 61 53, 10 12, 15 2, 63 25, 00 208, 33 26, 48
14	Supplemental.  Geo. E. Patrick. Wm. B. Alwood Geo. E. Colby Wm. Frear H. W. Wiley Bellvue Dairy Farm G. M. Mann A. A. Winfield Auguste Sandoz. The Tolman Laundry S. J. Beveridge J. H. Johnson & Son Chas. M. Caughy Z. D. Gilman	Expenses Services do do Expenses Milk and cream Meat Vegetables, etc Bread Laundering towels Rent of building do Olive oil	9, 95 50, 00 30, 00 126, 67 41, 78 20, 83 34, 61 53, 10 12, 15 2, 63 25, 00 208, 33 26, 48 5, 50
14	Supplemental.  Geo. E. Patrick. Wm. B. Alwood Geo. E. Colby Wm. Frear H. W. Wiley Bellvue Dairy Farm G. M. Mann A. A. Winfield Auguste Sandoz. The Tolman Laundry S. J. Beveridge J. H. Johnson & Son Chas. M. Caughy Z. D. Gilman	Expenses Services do do Expenses Milk and cream Meat Vegetables, etc Bread Laundering towels Rent of building do Olive oil Orangeine Electric current	9. 95 50. 00 30. 00 126. 67 41. 78 20. 83 34. 61 53. 10 12. 15 2. 63 25. 00 208. 33 26. 48 50 3. 04
14	Supplemental.  Geo. E. Patrick Wm. B. Alwood Geo. E. Colby Wm. Frear H. W. Wiley Bellvue Dairy Farm G. M. Mann A. A. Winfield Auguste Sandoz The Tolman Laundry S. J. Beveridge J. H. Johnson & Son Chas. M. Caughy Z. D. Gilman Potomae Electric Power Co Washington Gas Light Co	Expenses Services  do do do Expenses Milk and cream Meat Vegetables, etc Bread Laundering towels Rent of building do Olive oil Orangeine Electric current Gas	9, 95 50, 00 30, 00 126, 67 41, 78 20, 83 34, 61 53, 10 12, 15 2, 63 25, 00 208, 33 26, 48 50 3, 04 51, 00
18	Supplemental.  Geo. E. Patrick Wm. B. Alwood Geo. E. Colby Wm. Frear H. W. Wiley Bellvue Dairy Farm G. M. Mann A. A. Winfield Auguste Sandoz The Tolman Laundry S. J. Beveridge J. H. Johnson & Son Chas. M. Caughy Z. D. Gilman Potomae Electric Power Co Washington Gas Light Co	Expenses Services  do do do Expenses Milk and cream Meat Vegetables, etc Bread Laundering towels Rent of building do Olive oil Orangeine Electric current Gas	9, 95 50, 00 30, 00 126, 67 41, 78 20, 83 34, 61 53, 10 12, 15 2, 63 25, 00 208, 33 26, 48 50 3, 04 11, 44 1, 65
18	Supplemental.  Geo. E. Patrick Wm. B. Alwood Geo. E. Colby Wm. Frear H. W. Wiley Bellvue Dairy Farm G. M. Mann A. A. Winfield Auguste Sandoz The Tolman Laundry S. J. Beveridge J. H. Johnson & Son Chas. M. Caughy Z. D. Gilman Potomae Electric Power Co Washington Gas Light Co	Expenses Services  do do do Expenses Milk and cream Meat Vegetables, etc Bread Laundering towels Rent of building do Olive oil Orangeine Electric current Gas	9, 95 50, 00 30, 00 126, 67 41, 78 20, 83 34, 61 53, 10 12, 15 2, 63 25, 00 208, 33 26, 48 50 3, 04 11, 44 1, 65
18	Supplemental.  Geo. E. Patrick Wm. B. Alwood Geo. E. Colby Wm. Frear H. W. Wiley Bellvue Dairy Farm G. M. Mann A. A. Winfield Auguste Sandoz The Tolman Laundry S. J. Beveridge J. H. Johnson & Son Chas. M. Caughy Z. D. Gilman Potomae Electric Power Co Washington Gas Light Co	Expenses Services  do do do Expenses Milk and cream Meat Vegetables, etc Bread Laundering towels Rent of building do Olive oil Orangeine Electric current Gas	9, 95 50, 00 30, 00 126, 67 41, 78 20, 83 34, 61 153, 10 12, 15 2, 63 25, 00 208, 33 26, 48 51, 00 1, 44 1, 65 1, 26 1, 24
18	Supplemental.  Geo. E. Patrick Wm. B. Alwood Geo. E. Colby Wm. Frear H. W. Wiley Bellvue Dairy Farm G. M. Mann A. A. Winfield Auguste Sandoz The Tolman Laundry S. J. Beveridge J. H. Johnson & Son Chas. M. Caughy Z. D. Gilman Potomae Electric Power Co Washington Gas Light Co	Expenses Services  do do do Expenses Milk and cream Meat Vegetables, etc Bread Laundering towels Rent of building do Olive oil Orangeine Electric current Gas	9, 95 50, 00 30, 00 126, 67 41, 78 20, 83 34, 61 153, 10 12, 15 2, 63 25, 00 208, 33 26, 48 51, 00 1, 44 1, 65 1, 26 1, 24
18	Supplemental.  Geo. E. Patrick. Wm. B. Alwood Geo. E. Colby Wm. Frear H. W. Wiley Bellvue Dairy Farm G. M. Mann A. A. Winfield Auguste Sandoz. The Tolman Laundry S. J. Beveridge J. H. Johnson & Son Chas. M. Caughy Z. D. Gilman Potomae Electric Power Co Washington Gas Light Co Thompson & Leavitt Joseph Brolli Chapin & Gore (Incorporated) R. A. Delapenha & Co Geo. D. Feidt & Co Paul Gelpi & Sonsdo	Expenses Services  do do do Expenses Milk and cream Meat Vegetables, etc Bread Laundering towels Rent of building do Olive oil Orangeine Electric current Gas	9, 95 50, 00 30, 00 126, 67 41, 78 20, 83 34, 61 153, 10 12, 15 2, 63 25, 00 208, 33 26, 48 50 3, 04 51, 00 1, 44 1, 65 1, 26 1, 24
18	Supplemental.  Geo. E. Patrick. Wm. B. Alwood Geo. E. Colby Wm. Frear H. W. Wiley Bellvue Dairy Farm G. M. Mann A. A. Winfield Auguste Sandoz. The Tolman Laundry S. J. Beveridge J. H. Johnson & Son Chas. M. Caughy Z. D. Gilman Potomae Electric Power Co Washington Gas Light Co Thompson & Leavitt Joseph Brolli Chapin & Gore (Incorporated) R. A. Delapenha & Co Geo. D. Feidt & Co Paul Gelpi & Sonsdo	Expenses Servicesdododo. Expenses Milk and cream Meat Vegetables, etc Bread Laundering towels Rent of buildingdo Olive oil Orangeine Electric current Gas Samples Olive oil Claret Cherries Chemicals Samples do	9, 95 50, 00 30, 00 126, 67 41, 78 20, 83 34, 61 53, 10 12, 15 2, 63 25, 00 208, 33 26, 48 51, 00 51, 00 51, 00 61, 26 65 61, 26 68, 77 5, 25 30, 25
18	Supplemental.  Geo. E. Patrick. Wm. B. Alwood Geo. E. Colby Wm. Frear H. W. Wiley Bellvue Dairy Farm G. M. Mann A. A. Winfield Auguste Sandoz. The Tolman Laundry S. J. Beveridge J. H. Johnson & Son Chas. M. Caughy Z. D. Gilman Potomae Electric Power Co Washington Gas Light Co Thompson & Leavitt Joseph Brolli Chapin & Gore (Incorporated) R. A. Delapenha & Co Geo. D. Feidt & Co Paul Gelpi & Sonsdo	Expenses Services do do do Expenses Milk and cream Meat Vegetables, etc Bread Laundering towels Rent of building do Olive oil Orangeine Electric current Gas Samples Olive oil Claret Cherries Chemicals Samples do do do do Beakers	9, 95 50, 00 30, 000 126, 67 41, 78 20, 83 34, 61 53, 10 12, 15 2, 63 25, 00 208, 33 26, 48 51, 00 1, 44 1, 65 51, 26 1, 26 1, 24 65 8, 77 5, 25 30, 25 3, 48 25, 79
18	Supplemental.  Geo. E. Patrick. Wm. B. Alwood Geo. E. Colby Wm. Frear H. W. Wiley Bellvue Dairy Farm G. M. Mann A. A. Winfield Auguste Sandoz. The Tolman Laundry S. J. Beveridge J. H. Johnson & Son Chas. M. Caughy Z. D. Gilman Potomae Electric Power Co Washington Gas Light Co Thompson & Leavitt Joseph Brolli Chapin & Gore (Incorporated) R. A. Delapenha & Co Geo. D. Feidt & Co Paul Gelpi & Sonsdo	Expenses Servicesdododododo Expenses Milk and cream Meat Vegetables, etc Bread Laundering towels Rent of buildingdo	9, 95 50, 00 30, 000 126, 67 41, 78 20, 83 34, 61 53, 10 12, 15 2, 63 25, 00 208, 33 26, 48 51, 00 1, 44 1, 65 51, 26 1, 26 1, 24 65 8, 77 5, 25 30, 25 3, 48 25, 79
18	Supplemental.  Geo. E. Patrick. Wm. B. Alwood Geo. E. Colby Wm. Frear H. W. Wiley Bellvue Dairy Farm G. M. Mann A. A. Winfield Auguste Sandoz. The Tolman Laundry S. J. Beveridge J. H. Johnson & Son Chas. M. Caughy Z. D. Gilman Potomae Electric Power Co Washington Gas Light Co Thompson & Leavitt Joseph Brolli Chapin & Gore (Incorporated) R. A. Delapenha & Co Geo. D. Feidt & Co Paul Gelpi & Sonsdo	Expenses Services do do Expenses Milk and cream Meat Vegetables, etc Bread Laundering towels Rent of building do Olive oil Orangeine Electric current Gas Samples Olive oil Claret Cherries Chemicals Samples do do Beakers Chemicals Samples Samples Samples Chemicals Samples	9. 95 50. 00 30. 00 30. 00 126. 67 41. 78 20. 83 34. 61 53. 16 53. 10 208. 33 25. 00 208. 33 26. 48 51. 00 1. 44 1. 65 1. 26 1. 24 1. 65 8. 77 5. 25 30. 25 3. 48 25. 79 1. 35 37. 73
18	Supplemental.  Geo. E. Patrick. Wm. B. Alwood Geo. E. Colby Wm. Frear H. W. Wiley Bellvue Dairy Farm G. M. Mann A. A. Winfield Auguste Sandoz. The Tolman Laundry S. J. Beveridge J. H. Johnson & Son Chas. M. Caughy Z. D. Gilman Potomae Electric Power Co Washington Gas Light Co Thompson & Leavitt Joseph Brolli Chapin & Gore (Incorporated) R. A. Delapenha & Co Geo. D. Feidt & Co Paul Gelpi & Sonsdo	Expenses Services do do Expenses Milk and cream Meat Vegetables, etc Bread Laundering towels Rent of building do Olive oil Orangeine Electric current Gas Samples Olive oil Claret Cherries Chemicals Samples do Beakers Chemicals Samples Samples Samples Chemicals Samples Chemicals Samples Samples Samples Chemicals Samples Chemicals Samples Go Go Beakers Chemicals Samples	9, 95 50, 00 30, 00 126, 67 41, 78 20, 83 34, 61 53, 10 12, 15 2, 63 25, 00 208, 33 26, 48 51, 00 41, 44 1, 65 1, 26 1, 24 6, 65 8, 77 5, 25 30, 25 30, 25 30, 25 31, 73 37, 73 97
18	Supplemental.  Geo. E. Patrick. Wm. B. Alwood Geo. E. Colby Wm. Frear H. W. Wiley Bellvue Dairy Farm G. M. Mann A. A. Winfield Auguste Sandoz. The Tolman Laundry S. J. Beveridge J. H. Johnson & Son Chas. M. Caughy Z. D. Gilman Potomae Electric Power Co Washington Gas Light Co Thompson & Leavitt Joseph Brolli Chapin & Gore (Incorporated) R. A. Delapenha & Co Geo. D. Feidt & Co Paul Gelpi & Sonsdo	Expenses Servicesdodododo Expenses Milk and cream Meat Vegetables, etc Bread Laundering towels Rent of buildingdodo Olive oil Orangeine Electric current Gassamples Olive oil Claret Cherries Chemicals Samplesdododo Beakers Chemicals Samplesdodo Beakers Chemicals Samplesdo	9, 95 50, 00 30, 00 126, 67 41, 78 20, 83 34, 61 53, 10 12, 15 2, 63 25, 00 208, 33 26, 48 51, 00 1, 44 1, 65 1, 26 1, 26 1, 26 1, 24 1, 65 1, 26 1, 27 1, 28 25, 79 1, 35 37, 73 1, 97 4, 80
18	Supplemental.  Geo. E. Patrick. Wm. B. Alwood Geo. E. Colby Wm. Frear H. W. Wiley Bellvue Dairy Farm G. M. Mann A. A. Winfield Auguste Sandoz. The Tolman Laundry S. J. Beveridge J. H. Johnson & Son Chas. M. Caughy Z. D. Gilman Potomae Electric Power Co Washington Gas Light Co Thompson & Leavitt Joseph Brolli Chapin & Gore (Incorporated) R. A. Delapenha & Co Geo. D. Feidt & Co Paul Gelpi & Sonsdo	Expenses Servicesdodododo Expenses Milk and cream Meat Vegetables, etc Bread Laundering towels Rent of buildingdodo Olive oil Orangeine Electric current Gassamples Olive oil Claret Cherries Chemicals Samplesdododo Beakers Chemicals Samplesdodo Beakers Chemicals Samplesdo	9, 95 50, 00 30, 00 126, 67 41, 78 20, 83 34, 61 53, 10 12, 15 2, 63 25, 00 208, 33 26, 48 50 3, 04 51, 00 1, 44 1, 65 1, 26 6, 27 7, 5, 25 30, 25 3, 48 25, 79 1, 35 37, 73 97 4, 80 1, 50 23, 63
18 19 20	Supplemental.  Geo. E. Patriek. Wm. B. Alwood Geo. E. Colby. Wm. Frear. H. W. Wiley Bellvue Dairy Farm G. M. Mann A. A. Winfeld Auguste Sandoz. The Tolman Laundry. S. J. Beveridge J. H. Johnson & Son Chas. M. Caughy Z. D. Gilman. Potomac Electric Power Co. Washington Gas Light Co. Thompson & Leavitt. Joseph Brolli. Chapin & Gore (Incorporated) R. A. Delapenha & Co. Geo. D. Feidt & Co. Paul Gelpi & Sons do. Goldberg, Bowen & Co. Henry Heil Chemical Co. Mallinckrodt Chemical Works W. A. Taylor & Co. The Geo. W. Knox Express Co. Rex Sanitary Appliance Co. Rudolph, West & Co. D. Win. Oyster	Expenses Servicesdodododo Expenses Milk and cream Meat Vegetables, etc Bread Laundering towels Rent of buildingdodo Olive oil Orangeine Electric current Gassamples Olive oil Claret Cherries Chemicals Samplesdododo Beakers Chemicals Samplesdodo Beakers Chemicals Samplesdo	9, 95 50, 00 30, 00 126, 67 41, 78 20, 83 34, 61 53, 161 53, 10 208, 33 25, 00 208, 33 26, 48 26, 48 51, 00 1, 44 1, 65 1, 26 1, 24 25, 30 25 30, 25 31, 48 25, 79 1, 35 37, 73 27, 74 4, 80 1, 50 23, 63 6, 25
18 19 20 26	Supplemental.  Geo. E. Patriek. Wm. B. Alwood Geo. E. Colby. Wm. Frear. H. W. Wiley Bellvue Dairy Farm G. M. Mann A. A. Winfeld Auguste Sandoz. The Tolman Laundry. S. J. Beveridge J. H. Johnson & Son Chas. M. Caughy Z. D. Gilman. Potomac Electric Power Co. Washington Gas Light Co. Thompson & Leavitt. Joseph Brolli. Chapin & Gore (Incorporated) R. A. Delapenha & Co. Geo. D. Feidt & Co. Paul Gelpi & Sons do. Goldberg, Bowen & Co. Henry Heil Chemical Co. Mallinckrodt Chemical Works W. A. Taylor & Co. The Geo. W. Knox Express Co. Rex Sanitary Appliance Co. Rudolph, West & Co. D. Win. Oyster	Expenses Servicesdodododo Expenses Milk and cream Meat Vegetables, etc Bread Laundering towels Rent of buildingdo Olive oil Orangeine Electric current GasSamples Olive oil Claret Cherries Chemicals Samples Adodo Beakers Chemicals Samples Sugar, etc Drayage Disinfector Keys Eggs and butter Telephone service Gummed paper	9, 95 50, 00 30, 00 126, 67 41, 78 20, 83 34, 61 53, 10 12, 15 2, 63 25, 00 208, 33 26, 48 50 3, 04 51, 00 1, 44 1, 65 1, 26 1, 24 65 8, 77 5, 25 3, 48 25, 79 1, 35 37, 73 7, 74 4, 80 1, 50 23, 63 6, 25 1, 80
18 19 20 26	Supplemental.  Geo. E. Patriek. Wm. B. Alwood Geo. E. Colby. Wm. Frear. H. W. Wiley Bellvue Dairy Farm G. M. Mann A. A. Winfeld Auguste Sandoz. The Tolman Laundry. S. J. Beveridge J. H. Johnson & Son Chas. M. Caughy Z. D. Gilman. Potomac Electric Power Co. Washington Gas Light Co. Thompson & Leavitt. Joseph Brolli. Chapin & Gore (Incorporated) R. A. Delapenha & Co. Geo. D. Feidt & Co. Paul Gelpi & Sons do. Goldberg, Bowen & Co. Henry Heil Chemical Co. Mallinckrodt Chemical Works W. A. Taylor & Co. The Geo. W. Knox Express Co. Rex Sanitary Appliance Co. Rudolph, West & Co. D. Win. Oyster	Expenses Services do do do do do do Respenses Milk and cream Meat Vegetables, etc Bread Laundering towels Rent of building do Olive oil Orangeine Electric current Gas Samples Olive oil Claret Cherries Chemicals Samples do Beakers Chemicals Samples Sugar, etc Drayage Disinfector Keys Eggs and butter Telephone service Gummed paper Sean	9, 95 50, 00 30, 000 126, 67 41, 78 20, 83 34, 61 53, 10 12, 15 2, 63 25, 00 208, 33 26, 48 51, 00 1, 44 1, 65 1, 26 1, 26 1, 24 4, 66 8, 77 5, 25 30, 25 33, 48 25, 79 1, 35 37, 73 97 4, 80 1, 50 23, 63 6, 25 1, 80 6, 25 1, 80 10, 13
18 19 20 Aug. 26 3	Supplemental.  Geo. E. Patriek. Wm. B. Alwood Geo. E. Colby. Wm. Frear. H. W. Wiley Bellvue Dairy Farm G. M. Mann A. A. Winfeld Auguste Sandoz. The Tolman Laundry. S. J. Beveridge J. H. Johnson & Son Chas. M. Caughy Z. D. Gilman. Potomac Electric Power Co. Washington Gas Light Co. Thompson & Leavitt. Joseph Brolli. Chapin & Gore (Incorporated) R. A. Delapenha & Co. Geo. D. Feidt & Co. Paul Gelpi & Sons do. Goldberg, Bowen & Co. Henry Heil Chemical Co. Mallinckrodt Chemical Works W. A. Taylor & Co. The Geo. W. Knox Express Co. Rex Sanitary Appliance Co. Rudolph, West & Co. D. Win. Oyster	Expenses Services do do do do do do Respenses Milk and cream Meat Vegetables, etc Bread Laundering towels Rent of building do Olive oil Orangeine Electric current Gas Samples Olive oil Claret Cherries Chemicals Samples do Beakers Chemicals Samples Sugar, etc Drayage Disinfector Keys Eggs and butter Telephone service Gummed paper Sean	9, 95 50, 00 30, 00 126, 67 41, 78 20, 83 34, 61 53, 10 12, 15 2, 63 25, 00 208, 33 26, 48 4, 65 1, 26 1, 26 1, 26 1, 26 1, 27 5, 25 30, 25 3, 48 25, 79 1, 36 37, 73 97 4, 80 1, 50 23, 63 6, 25 1, 80 10, 13 30 1, 14
18 19 20 26	Supplemental.  Geo. E. Patrick. Wm. B. Alwood Geo. E. Colby Wm. Frear H. W. Wiley Bellvue Dairy Farm G. M. Mann A. A. Winfield Auguste Sandoz. The Tolman Laundry S. J. Beveridge J. H. Johnson & Son Chas. M. Caughy Z. D. Gilman Potomae Electric Power Co Washington Gas Light Co Thompson & Leavitt Joseph Brolli Chapin & Gore (Incorporated) R. A. Delapenha & Co Geo. D. Feidt & Co Paul Gelpi & Sonsdo	Expenses Servicesdodododo Expenses Milk and cream Meat Vegetables, etc Bread Laundering towels Rent of buildingdo Olive oil Orangeine Electric current GasSamples Olive oil Claret Cherries Chemicals Samples Adodo Beakers Chemicals Samples Sugar, etc Drayage Disinfector Keys Eggs and butter Telephone service Gummed paper	9, 95 50, 00 30, 00 126, 67 41, 78 20, 83 34, 61 53, 10 12, 15 2, 63 25, 00 208, 33 26, 48 51, 00 1, 44 1, 65 1, 26 6, 65 5, 3, 04 51, 00 1, 44 1, 65 1, 26 8, 77 5, 25 30, 25 30, 25 31, 48 25, 79 1, 35 37, 73 37, 73 4, 80 6, 25 1, 80 1, 50 1, 50 1, 50 1, 50 23, 63 6, 25 1, 80 10, 13 30

Date.	Name.	Nature of payment.	Total.
	Supplemental—Continued.		
1904.			
Aug. 17	Jas. B. Lambie Co. (Incorporated)	Belting, etc.	\$6.70
	Mackall Bros. Geo. F. Muth & Co.	Chemicals Paint, etc	35.95 6.78
18	John Fennell.  do Chas. Graef & Co. John T. Heinbockel & Son.	Samples for analysis	1.10
	do	do	1.44
	John T Heinbockel & Son	do	1.20 2.30
	R. F. Lang	do	1.60
	Eimer & Amend	Flasks Beakers, etc	24.00 104.94
	George A. Paturel	Samples for analysis	5.05
	R. F. Lang. Eimer & Amend. Arthur H. Thomas Co. George A. Paturel. E. C. Villere & De Blanc. Wickline & Campbell. Wood, Pollard & Co. Rothchild Bros	do	4.54
	Wood Pollard & Co	Repairing screen doors	4.00 1.03
	Rothchild Bros	do	2.00
	Rothemid Bros R. L. Rose Co M. A. Graser Rothe Barber & Ross G. S. Nicholas do do	do	2.57
\ 27	Rarber & Ross	Pans	5.33 1.20
	G. S. Nicholas	Samples for analysis	1.77
	do	do	3. 14 3. 19
	do	do	5. 06
	do	do	5.80
	dododododododo	do	10.88 5.09
	do	do	1.97
	W. Bixby & Co. Grommes & Ulrich Hanselt & Lumschloss.	do	3.15
29	Grommes & Ulrich	Wine. Oil.	2.90 2.44
Sept. 13	Queen & Co. (Incorporated)	Chemicals	16.40
14	Queen & Co. (Incorporated) United States Express Co	Transportation	16.80
20	do Henry Heil Chemical Co	Chemicals.	28.30 .50
20	Mallinekkrodt Chemical Works	do	3.00
		do	2,00
	Adams Express Co Moos & Co The J. L. Mott Iron Works	Transportation Samples for analysis	235. 20 4. 64
	The J. L. Mott Iron Works	Sinks.	9.00
	Library Bureau Hensel, Bruckmann & Lorbacker W. B. Roddenbery	Sections, etc. Freight Expenses	6. 20
22	W. B. Roddenbery	Expenses	8.00 55.34
	Geo. R. Youmans	Discs.	15.84
24	Bishop Art Co	Discs	1.96
	Total		1,529.05
	RECAPITULA	TION.	
First qua	arter		\$10, 255. 37 12, 915. 24
Second q	uarter		12, 915. 24
Fourth q	arter uarter ental		14, 929. 41 15, 365. 02
Supplem	ental		1,529.05
Tot	al	•	54,994.09
10	, was a second and a second a second and a s		01,001.00
	PAID BY U. S. TE	REASURY.	
Date.	Name.	Nature of payment.	Total.
1903. Nov. 19	Jas. Johnson	Cablegrams.	\$33.06
	, , , , , , , , , , , , , , , , , , , ,	w to turn the turn to the turn	\$50°.00
	TABLE SIR	UP.	
Date.	Name.	Nature of payment.	Total.
1903. Aug. 14	D. G. Purse	Solory	\$100.00
ug. 11	do	Traveling expenses	14.70
00	Ernest Retz	Iron evlinder	2.50
26	Samuel Fiske	License and permit	1.00

H. Doc. 256, 58-3-7

#### TABLE SIRUP—Continued.

9	Date.	Name.	Nature of payment.	Total.
Sept. 3	1903			
Oct. 6	Sept. 3	D. G. Purse	Traveling expenses	\$11.40
Oct. 6	9	dodo.	Traveling expenses	100.00 29.15
Oct. 6	11	Keuffel & Esser Co.	Scale	1.00 31.20
Oct. 6	28		Traveling expenses	
16		· ·		290.95
16	Oct. 6	O. P. Angelo	Salary	97.80
16	10	Z. D. Gilman	Weights.	100, 00 13, 22
16		James B. Lambie Co	Wire cloth.	.60 7.50
16	16	William Thomas Phelps	Labor.	25, 33
16	19	O. P. Angelo	Expenses	51.15 18.90
Mm Thomas Phelps	21	H. W. Wiley	Expenses.	29.70
Mm Thomas Phelps	23	Jas. T. Wells	Packing and shipping apparatus.	25.00 120.85
Mm Thomas Phelps	31	Washington Southern Rwy. Co	Passenger transportation	20, 40
Mm Thomas Phelps		Atlantic Coast Line R. R. Co	do	5.80 84.20
Mm Thomas Phelps		H. W. Wiley	Expenses	10.00
Mm Thomas Phelps	5	D. G. Purse	Salary	100.00 15.30
Mm Thomas Phelps	0	O. P. Angelo	Expenses	15.30 35.31
Mm Thomas Phelps		H. W. Wiley	do	22.50 150.31
S		Arthur Given	Traveling expenses	33.00 40.00
S	16	O. P. Angelo	Salarydo	101.10
8 Wm. Thomas Phelps.   do.		W. B. Roddenbery	do	101.10 200.00
S	Dec. 1	The Geo. W. Knox Express Co	Transportation	81.60 3.13
S	2	O. P. Angelo	Salary	97 80
S		do	Traveling expenses	97 80 31 75 9.75
12		D. G. Purse	Salary	65.00 40.00
12		Savannah Contracting Co.	Cypress strainer	49.50
Total second quarter		do	Lumber	48.00 48.00
Total second quarter	10	do	Iron plates, etc	33.00
Total second quarter	12	The J. H. Gillon Machine Co.	Fittings.	44.00 43.15
Total second quarter		Georgia Supply Co	Boiler and fittings	26.12
Total second quarter	- 0	Thomas Chick.	Expenses	1, 153. 25 32. 00
Total second quarter	18	Washington Southern Rwy. Co	Passenger transportation	40.80 4.50
Total second quarter	31	Arthur Given	Salary	84.24
1904.				3,243,52
Jan. 6         H. W. Wiley         Traveling expenses           14         D. G. Purse         Salary           Watt-Harley Hardware Co         Hardware, etc           Hartfelder-Garbatt Co         Pump           S. T. Wright         Transportation           Georgia Supply Co         Pump, etc          do         Reducing valve           Wm. Thomas Phelps         Salary           15         Thomas Chick         Expenses	1004			
Ceorgia Supply Co	Jan. 6	H. W. Wiley	Traveling expenses	28.38
Georgia Supply Co	14	D. G. Purse	Salary	75.00 47.04
Georgia Supply Co		Hartfelder-Garbatt Co.	Pump	38.42
Color		S. T. Wright Georgia Supply Co.	Pump, etc.	39.09 39.38
Will, Holmas Flielps		do.	Reducing valve	30.70 40.00
do	15	Thomas Chick.	Expenses	7.00
16		do	Traveling expenses	33.00 4.50
21 Arthur Given Traveling expenses Salary do not be represented by Traveling expenses Salary do not be represented by The Pullman Co. Passenger transportation Atlantic Coast Line R. R. Co. do not have represented by Traveling Express Co. Transportation.		H. W. Wiley	Expenses	448.23
Feb. 11       Wm. Thomas Phelps.       do         18       The Pullman Co.       Passenger transportation.         Atlantic Coast Line R. R. Co.       do         29       Arthur Given.       Salary         Mar. 3       The Geo. W. Knox Express Co.       Transportation.	21	Artnur Givendo	. Traveling expenses	53, 84 85, 20
Atlantic Coast Line R. R. Co. do.  29 Arthur Given. Salary.  Mar. 3 The Geo. W. Knox Express Co. Transportation.		Wm. Thomas Phelps	do	40.00
29 Arthur Given Salary Transportation.		Atlantic Coast Line R. R. Co.	rassenger transportationdodo	13.50 20.40
DEGI, U THO GEO, W. KHOA EAPTESS CO ITAIISPOITATION	Mar 29	Arthur Given	Salary	79.60
10 William T. Phelps. Salary.	10	William T. Phelps	Salary	6.14 40.00
W. B. Roddenberydo	31	W. B. Roddenbery	do	100.00 85.20
	01			
		Total third quarter		1,354.62

9,898.89

## Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. TABLE SIRIE—Continued

	TABLE SIRUP—	Continued.	
Date.	Name-	Nature of payment.	Total.
1904. Apr. 9 20 June 1 29	William T. Phelps Seaboard Air Line Rwy. Atlantic Coast Line R. R. Co The Pullman Co W. B. Roddenbery. The Bank of Waycross	Salary Passenger transportation do do Traveling expenses	\$40.00 17.50 20.40 4.50 8.08 1.00
29	Total fourth quarter		91.48
	Total fourth quarter.		
	RECAPITUL	ATION.	
Second q Third qu Fourth q	orter uarter arter uarter tal		\$290, 95 3, 243, 52 1, 354, 62 91, 48 4, 980, 57
	TABLE SIRUF	P, 1903–4.	
Date.	Name.	Nature of payment.	Total.
1903. July 31 Aug. 31 Sept. 9	G. L. Spencer et al do. Christian Becker G. L. Spencer et al	do	\$252.70 252.70 110.00 163.12
	Total first quarter		778.52
Oct. 9  10 23 24  Dec: 1 2 14	Savannah Contracting CododododoThe Blymyer Iron Works CoSavannah Contracting CoC. H. Serrin Edwin B. Stimpson & SonThos. Somerville & SonsSavannah Contracting CoFred J. WhiteA. & P. Roberts Co	Excavating Additions to factory Raising roof Mill building Machinery Erecting mill Patterns for furnace door, etc Brass. Packing, etc Erecting boiler, etc Furnace door, etc Angles	467. 00 287. 00 25. 00 1, 476. 78 2, 470. 00 290. 00 25. 00 19. 00 8. 46 1, 748. 00 75. 00 36. 53
1904. Jan. 6 8 14	Total second quarter  H. W. Wiley James H. McGill J. H. Edwards The Geo. L. Squier Manufacturing Co. J. H. Edwards The Geo. L. Squier Manufacturing Co. Georgia Supply Co. Joseph Oat & Sons.	Expenses Steel beams Tank Chain Tanks, etc	6,927.77 00,25 24,45 32,00 39,00 265,00 288,00 435,00
25 26	The J. L. Mott Iron Works.	Grease interceptor	855.00 57.50 14.00
Apr 20	Total third quarter		2,110.20
Apr. 30	Arthur Given  Total fourth quarter.		82. 40 82. 40
	RECAPITULA		
Second a	arter uarter arter <sub>[Uarter</sub>		\$778.52 6,927.77 2,110.20 82.40

Total ....

Expenditures of the department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SOIL INVESTIGATIONS.

ate.	Name.	Nature of payment.	To
903.			
y 13 29	F. K. Cameron	Traveling expenses	
29	C. W. Dorsey	Lumban	
	F. K. Cameron C. W. Dorsey Church & Stephenson National Electric Supply Co do The Chicago Laboratory Supply and Scale Co. F. H. King et al G. T. McNess T. H. Means L. H. Shofter	Desk fans	
	do	Electric supplies.	
30	The Chicago Laboratory Supply and Scale Co.	Supports	
31	F. H. King et al.	Salaries	2,
g. 1	T H Means	Salary	2,
	L. H. Shelfer G. B. Massey W. M. Hinson	do	1
	G. B. Massey	do	
	W. M. Hinson	do	
	W. M. Hinson M. H. Lapham C. A. Jensen J. B. Stewart W. W. Coby J. E. Lapham E. O. Fippin F. W. Taylor F. E. Bonsteel T. A. Caine	do	:
	I R Stewart	do	
	W. W. Coby	do	
	J. E. Lapham	do	
	E. O. Fippin	do	:
	F. W. Taylor	do	
	T. A. Caino	do	:
	R. T. Avon Burke	do	
	T. A. Caine R. T. Avon Burke W. E. Hearn	do	
	W. H. Knox	d0	
	A. W. Mangum J. O. Martin	do	:
	J. O. Marun	00	
	H. W. Marian E. H. Mathewson T. D. Rice A. H. Prince	do	:
	T. D. Rice	do	
	A. H. Prince	do	
	A. M. Sanchez. H. J. Wilder. Henry Weinberg. J. O. Belz	do	
	H. J. Wilder	00	
	I O Bolz	do	:
	O. L. W. Ayer O. L. Ayrs H. H. Bennett	do	
	O. L. Ayrs	do	
	H. H. Bennett	do	
	J. L Burgess W. T. Carter, jr. M. E. Carr E. P. Carr	do	
	W. T. Carter, Jr	do	
	E. P. Carr	do	
	C. W. Ely W. J. Geib Louis Griswold	do	
	W. J. Geib	do	
	A. M. Griffen	do	
	J. C. Hogenson	do.	
	J. C. Hogenson A. E. Kocher W. W. Mackie	do	
	W. W. Mackie	do	
	W. E. McLendon	do	
	W. C. Palmer	do	
	F. N. Meeker	do	
	La Mott Ruhlen	do	
	W. W. Mackle W. E. McLendon W. C. Palmer N. P. Neill F. N. Meeker La Mott Ruhlen A. S. Root A. T. Strahorn L. W. Makaga	do	
	A. T. Strahorn	do	
	J. W. Nelson A. H. Snyder J. A. Drake	do	
	J. A. Drake	do	
	Harry Rich	do	
	A. T. Sweet	do	
	Harry Rich A. T. Sweet F. R. Reid J. C. Bridwell	do	
	J. C. Bridwell	00	
	I F Warner	do	
	F. D. Stevens	do	
	F. R. Pember J. F. Warner F. D. Stevens F. C. Schroeder	do	
	W. S. Lyman	do	
	F. C. Schroeder W. S. Lyman L. C. Holmes H. L. Belden H. A. Clark C. J. Mann W. J. Wood J. L. Gill Budolph Boss	0D	
	H A Clark	do	
	C. J. Mann	do	
	W. J. Wood	do	
	J. L. Gill	do	
4	Rudolph Boss	Traveling expenses	
4	J. L. Gill Rudolph Boss. G. T. McNess R. D. Brown G. N. Saegmuller G. B. Jones J. A. Bonsteel	Salary	
	G. N. Saegmuller	Repairs to clock	1
5	G. B. Jones. J. A. Bonsteel F. E. Bonstell	Salary	
	[ A Poneteel	Traveling expenses	1

Date.	Name.	Nature of payment.	Total.
1000		1	
1903. Aug. 5	H. W. Marean. E. O. Fippin. H. J. Wilder. J. C. Bridwell Standard Oil Co. R. C. M. Burton & Son. W. M. Whyte A. H. Snyder J. O. Belz. G. N. Coffey. W. E. Hearn. A. M. Sanchez. L. H. Shelfer. J. G. Holmes	Traveling expenses	\$145, 22
rus. o	E. O. Fippin	do	\$145.22 144.73
	H. J. Wilder	do	136. 88 27. 25 3. 50
7	J. C. Bridwell	Oil and cans	27.25
7	R. C. M. Burton & Son	Awnings	99 96
	W. M. Whyte.	Iron boxes	2.50 9.25 18.26
8	A. H. Snyder	Traveling expenses	9.25
10	J. O. Belz	do	18. 26 203. 89
10	W E Hearn	do	174. 69
	A. M. Sanchez	do	177.60 157.15
	L. H. Shelfer	do	157.15
	J. G. Holmes	do	147.85 146.51
	J. G. Holmes J. O. Martin C. A. Jensen W. G. Smith	do	130, 45
	C. A. Jensen	do	130.45 115.70
	W. G. Smith	do	114.75
	T. D. Rice. W. M. Hinson J. B. Stewart.	do	112.85 78.99
	J B Stewart	do	72 12
	T H Magne	do	72. 12 68. 67
	G. B. Massey	do	43.80
	G. B. Massey W. W. Cobey J. C. Hogenson	do	
	W. C. Polmer	do	15.28 2.75
	do	Expenses	20, 20
	J. C. Hogenson W. C. Palmerdo F. D. Stevens J. W. NelsondoThos Sensorille & Sens	do	15, 16
,	J. W. Nelson	do	16.96
12	Thos. Somerville & Sons.	Traveling expenses	7.40 8.06
12		Annaratus	8.00
	Hutchinson & McCarthy E. G. Schafer & Co Harvard Laundry Co	Valves, etc.	6,70
	Harvard Laundry Co	Laundering towels	3.48
14	R. T. Avon Burke M. H. Lapham E. J. Pullman	Traveling expenses	48.75
	H. H. Lapnam F [ Pullman	Glass	137.45 6.00
15			4,35
	National Electrical Supply Co	Wire	2,78
	Thos. Somerville & Sons	Tulting Drawing paper	10.07
	Fred. A. Schmidtdo	Pencils	4.15 12.60
	Francis Millor		1.34
	W. B. Moses & Sons	Desk, etc. Cotton waste.	13.63
	W. B. Moses & Sons James B. Lambie Warren M. Whyte Delano & Moore	Cotton waste	1.94
	Warren M. Whyte	Ventilator	15.00
17	W. S. Lyman	Traveling expenses	11. 22 10. 38
	Mallinckrodt Chemical Works	Traveling expenses.  1 pound of potassium iodide. Clamps. Asbestos covering	2.20 7.60
	Eimer & Amend.	Clamps	7,60
	Ouean & Co. (Incorporated)	Aspestos covering Dishes	12.47 5.40
	Mes. Lyman Mallinckrodt Chemical Works Eimer & Amend. Morristown Covering Co. Queen & Co. (Incorporated). W. & L. E. Gurley. do. W. H. Heileman.	Wire	1,00
	do	Wire Compasses Traveling expenses	45, 90
19	W. H. Heileman	Traveling expenses	62.58
	do. Thomas A. Caine	Expenses Traveling expenses	63. 01 127. 00 169. 57
	J. E. Lapham	do	169, 57
	J. E. Lapham J. A. Drake	do	160 39
00	N. P. Neill R. C. M. Burton	do	207.72 3.18 2.60
20	Racher & Rose	Awnings Teakettles, etc	3.18
21	Barber & Koss C. S. Kessler Bro	Pump washers	. 80
	F. W. Taylor	Pump washers. Traveling expenses.	. 80 45, 75
25 27	Mackall Bros	Corks, etc. Screw-drivers, etc.	8.35
21	Fred A Schmidt	Rules alidades	20.00
	Warren M. Whyte	Iron drum	7.00
28	Chas. A. Jensen	Traveling expenses	7.00 52.75
	Frederick Carl	Traveling expenses Pump Moving safe	20.00
31	C. S. Kessler Bro. F. W. Taylor. Mackall Bros. Jas. B. Lambie Co. (Incorporated). Fred. A. Schmidt. Warren M. Whyte. Chas. A. Jensen. Frederick Carl. Merchants Transfer and Storage Co. F. H. Kipp et al.	Moving safe	9.00 2,598.53
Sept. 1	J. C. Britton	Salaries	2, 598. 53
F 1	E. T. Hughes	do	84.20 70.80
	Chas. A. Jensen	do.	134.80
	Geo. T. McNess	do	252.70
	Merchants Transfer and Storage Co. F. H. King et al. J. C. Britton E. T. Hughes Chas. A. Jensen Geo. T. McNess C. N. Mooney F. R. Reid F. C. Schroeder	do	101.10 70.80
	F. C. Schroeder.	do	60.60
			00.00

Date.	Name.	Nature of payment.	Tota
1903.	J. F. Warner L. W. Ayer Orla L. Ayrs Herbert L. Belden Hugh H. Bennett F. E. Bonsteel Rudolph Boss Jas. L. Burgess R. T. Avon Burke Thomas A. Caine E. P. Carr W. T. Carter, jr H. A. Clark W. W. Cobey Fred Dartnell J. A. Drake Charles W. Ely E. O. Fippin W. J. Geib James L. Gill A. M. Griffen W. E. Hearn W. M. Hinson L. Carl Holmes J. C. Hogenson G. B. Jones W. H. Knox A. E. Kocher J. E. Lapham Macy H. Lapham W. S. Lyman W. E. MeLendon W. W. Mangum Charles J. Mann H. W. M. Marean J. O. Martin Geo. B. Massey E. H. Mathewson Thos. H. Means F. N. Meeker Nelson P. Neill W. C. Palmer A. H. Prince Harry Rich A. S. Root La Mott Ruhlen A. M. Sanchez L. H. Shelfer F. D. Stevens J. B. Stewart A. T. Strahorn A. T. Sweet F. W. Taylor Henry Weinberg H. J. Wider W. J. Wood J. A. Bonsteel Washington Gas Light Co Potomae Electric Power Co . do . S. F. Bagg Wolf Bros M. E. Carr		
pt. 1	J. F. Warner	Salary	\$6
	L. W. Ayer	do	84
	Orla L. Ayrs.	do	84
	Herbert L. Belden	do	60
	Hugh H. Bennett	do	84
	F. E. Bonsteel	do	84 10
	Rudolph Boss	do	2
	Jas. L. Burgess.	do	84
	R. T. Avon Burke	do	10:
	Thomas A. Caine	do	10:
	E. P. Carr	do	84
	M. Earl Carr	do	84 84
	W. T. Carter, jr	do	84
	H. A. Clark	do	50
	W. W. Cobey	do	120
	Fred Dartnell	do	120 44 70
	J. A. Drake	do	70
	Charles W. Ely	do	84
	E. O. Fippin	do	84 11' 84
	W. J. Gelb.	do	8
	James L. Gill	00	4
	A. M. Griffen		8- 10 15
	W. E. Hearn	00	10
	V. M. HIIISON	00	15
	L. Carl Holmes	00	6
	C. P. Topos	00	8 8 10
	W. H. Whor	00	10
	W. H. KROX.	00	8
	A. E. Kocher		11
	J. E. Lapnam		12
	Macy H. Lapnam		13-
	W. S. Lyman		8
	W. E. McLendon	do	8
	A W Managam	do	10
	Charles I Mann	do	. 5
	H W Moreon	do	10
	I O Martin	do	10 10 15
	Geo P Mossoy	do	15
	F H Mathawaan	do	10
	Thos H Maone	do	21
	F N Mooker	do	8
	Nelson P Neill	do	8
	W. C. Palmer	do	8
	A. H. Prince	.do	10
	Thos, D. Rice	do	10 7
	Harry Rich	do	7
	A. S. Root	do	8
	La Mott Ruhlen	do	8
	A. M. Sanchez	do	10
	L. H. Shelfer	do	16
	F. D. Stevens	do	6
	J. B. Stewart	do	12
	A. T. Strahorn	do	12 8
	A. T. Sweet	do	7
	F. W. Taylor	do	10
	Henry Weinberg	do	10
	H. J. Wilder	do	10
	W. J. Wood	do	5
3	J. A. Bonsteel	Traveling expenses	16
4	Washington Gas Light Co	Gas	5 16 1
	Potomac Electric Power Co	Electric current	
	do:	do	
	S. F. Bagg	Grate bars, etc	
	Wolf Bros	Envelopes	,
8	S. F. Bagg. Wolf Bros M. E. Carr	Traveling expenses	1
	J. W. Nelson	do	1
	M. E. Call J. W. Nelson do E. O. Fippin. R. T. Avon Burke W. E. Hearn F. E. Bonsteel J. O. Martin. H. W. Marwon	Electric current do do seta bars, etc Envelopes Traveling expenses do Expenses Traveling expenses	1
9	E. O. Fippin.	Traveling expenses	11
	R. T. Avon Burke	do	14 14
	W. E. Hearn	do	14
	F. E. Bonsteel	do	14
	J. O. Martin	do	5
	H. W. Marean	do	12
	J. O. Martin H. W. Marean N. P. Neill J. C. Hogenson C. N. Mooney W. G. Smith G. B. Massey	do	23
	J. C. Hogenson	do	1 7 12
	C. N. Mooney	do	7
	W C Smith	do	12 6

Date		Name.	Nature of payment.	Total.
1903.		G. T. McNess H. J. Wilder A. W. Mangum W. M. Hinson F. H. King W. T. Carter, jr. Frank Bennett, jr. W. W. Cobey J. G. Holmes J. F. Lapham M. H. Lapham T. A. Caine A. M. Sanchez G. N. Coffey J. B. Stewart Z. D. Gilman Henry Heil Chemical Co Queen & Co. (Incorporated) The M. Lindsay Rubber Co Mallinckrodt Chemical Works Francis Miller	·	
ept.	9	G. T. McNess.	Traveling expenses	\$39.
-		H. J. Wilder	do	93.
		A. W. Mangum	do	89.
		W. M. Hinson	do	52. 47.
		F. H. King	do	47.
		W. T. Carter, jr.	do	48.
		Frank Bennett, jr	do	61. 45.
		W. W. Cobey	do	45.
1	.0	J. G. Holmes	do	198.
		J. E. Lapnam	do	161.
		M. H. Lapnam		145. 156.
		T. A. Caine	00	150.
		A. M. Sanchez	00	151.
		D Storrout	do	151. 14.
		7 D C'lmon	Chamicala	13.
		Honry Hoil Chamical Co	do.	6.
		Outon & Co (Incorporated)	do Evaporating dishes Gum Phosphate Glass	
		The M. Lindsey Pubber Co.	Gum	1.
		Mallinelyrodt Chamical Works	Phoenhata	1.
		Francis Miller	Glass	1.
1	1	Washington Railway and Electric Co	72 tickets	3.
-		Delano & Moore	Photo supplies	. 44.
		W. M. Whyte	Cylinders	1.
1	4	C. N. Mooney	Traveling expenses	1. 7. 98.
	6	J. A. Drake	do	98.
		T. D. Rice	do	98.
		W. H. Heileman	do	64.
		do	Expenses	6.
		F. D. Stevens.	do	5.
1	7	C. J. Mann	Salary	25.
		W. M. Hinson	Traveling expenses	18. 81. 3.
		L. H. Shelfer	do	81.
		W. C. Palmer	do	3.
		do	Expenses	19.
		The Torsion Balance Co	Scale	15. 37.
1	.8	International and Great Northern R. R. Co	Passenger transportation	37.
	- 1	Pennsylvania R. R. Co	do	16.
1	9	Texarkana and Fort Smith Rwy. Co	do	46. 25.
		The Chesapeake and Ohio Rwy. Co	do	25.
		Washington Southern Rwy. Co	do	21.
		Illinois Central R. R. Co	do	10.
		New York Central and Hudson R. R. Co	do	5.
		New York, New Haven and Hartford R. R.Co.	do	4.
		Southern Rwy. Co	do	27.
		00	00	11. 102. 3.
c	71	The content of the co	do	102.
- 4	1	Pudolph Wort & Co	Dita shipple of	ð.
		D. D. Clarks Co.	Bits, enisels, etc	ა.
		I T Walker Cons	Coment	3. 11. 6.
		James R. Lambia Co. (Incorporated)	Prode ata	1.
-	22	T H Moone	Traveling expenses	102
-	-	I. C Holmos	Exponent	100.
		1 A Ronstool	Traveling expenses	20.
- 5	24	Mallinekrodt Chemical Works	Chemicals	103. 23. 6. 92.
		Eimer & Amend	Water regulator	10.
2	30	F. H. King et al.	Salaries	2,555.
		The M. Lindsay Rubber Co. Mallinckrodt Chemical Works Francis Miller Washington Railway and Electric Co. Delano & Moore W. M. Whyte C. N. Mooney J. A. Drake T. D. Rice W. H. Heilemando. F. D. Stevens C. J. Mann W. M. Hinson L. H. Shelfer W. C. Palmerdo The Torsion Balance Co. International and Great Northern R. R. Co. Pennsylvania R. R. Co. Texarkana and Fort Smith Rwy. Co. The Chesapeake and Ohio Rwy. Co. Washington Southern Rwy. Co. Illinois Central R. R. Co. New York Central and Hudson R. R. Co. New York New Haven and Hartford R. R. Co. Southern Rwy. Co. dodo Thos. Somerville & Sons. Rudolph, West & Co. R. P. Clarke Co. J. T. Walker Sons James B. Lambie Co. (Incorporated) T. H. Means L. C. Holmes J. A. Bonsteel Mallinckrodt Chemical Works Eimer & Amend. F. H. King et al Total, first quarter		28, 331.
et.	2	Transport Tarendam Ca	T	3. 203. 97.
	-	Thos H Means	Salary	203
		C. N. Mooney	do	97
		F. R. Reid	do	68
	3	A. M. Sanchez	Traveling expenses	161
		Thos. H. Means C. N. Mooney F. R. Reid A. M. Sanchez Elmer O. Fippin Herbert L. Belden	Salary	114.
		Herbert L. Belden	do	161. 114. 58.
		Herbert L. Bélden J. C. Britton E. T. Hughes Thos. H. Means C. W. Dorsey A. M. Sanchez Geo. T. McNess W. J. Wood H. J. Wilder Henry Weinberg A. T. Strahorn J. B. Stewart F. D. Stevens	cb.	81.
		E. T. Hughes	do	68.
		Thos. H. Means	Traveling expenses	115.
		C. W. Dorsey	do	114.
		A. M. Sanchez	Salary	97.
	ō	Geo. T. McNess.	do	244.
		W. J. Wood.	do	50.
		H. J. Wilder	do	97.
		Henry Weinberg.	do	97.
		A. T. Strahorn	do	81.
		J. B. Stewart	do	81. 122.
		E D Ottom	1	58.

Date.	Name.	Nature of payment.	Tota
1903.	L. H. Shelfer. La Mott Ruhlen A. S. Root Harry Rich A. T. Sweet Thos. D. Rice A. H. Prince Nelson P. Neill F. N. Meeker E. H. Mathewson Geo. B. Massey James O. Martin H. W. Marean A. W. Mangum W. W. Mackie W. E. McLendon W. S. Lyman Macy H. Lapham J. E. Lapham A. E. Kocher W. H. Knox G. B. Jones Chas. A. Jensen L. Carl Holmes J. C. Hogenson W. M. Hinson W. E. Hearn Lewis Griswold A. M. Griffen J. L. Gill W. J. Grib Charles W. Ely J. A. Drake W. W. Cobey H. A. Clark W. T. Carter, jr M. Earl Carr Thomas A. Caine R. T. Avon Burke J. L. Burgess Rudolph Boss F. E. Bonsteel Hugh H. Bennett Orla L. Ayrs Lewis Griswold Hugh H. Bennett Orla L. Ayrs Lewis Grane L. Carl Holmes J. C. Burgess Rudolph Boss F. E. Bonsteel Hugh H. Bennett Orla L. Ayrs Lewis W. Ayer W. C. Palmer F. C. Schroeder J. F. Warner		
et. 5	L. H. Shelfer	Salary	\$16
	La Mott Ruhlen	do	8
	Harry Rich	do	6
	A. T. Sweet	do	6
	Thos. D. Rice	do	6 9 9
	A. H. Prince	do	9
	F. N. Meeker	do	8
	E. H. Mathewson	do	8
	Geo. B. Massey	do	14
	James O. Martin	do	9 9
	A. W. Mangum	do	9
	W. W. Mackie	do	8
	W. E. McLendon.	do	8
0	W. S. Lyman	do	8 13
	J. E. Lapham	do .	11
	A. E. Kocher	do	11
	W. H. Knox	do	9
	G. B. Jones	do	8
	L. Carl Holmes	do	8 5
	J. C. Hogenson	do	8
	W. M. Hinson	do	14
- 1	W. E. Hearn	do	8
	A. M. Griffen	do	8
	J. L. Gill	do	4
	W. J. Grib	do	8
	Charles W. Ely	do	8
	W. W. Cobev	do	. 12
	H. A Clark	do	5
	W. T. Carter, jr.	do	8
	M. Earl Carr	do	8
	Thomas A. Caine	do	9
	R. T. Avon Burke	do	9
1	J. L. Burgess	do	8
	F F Ronsteel	do	9
9	Jav A. Bonsteel	do	7
, 3	Hugh H. Bennett	do	8
	Orla L. Ayrs	do	8
	W. C. Palmer	do	8
6	F. C. Schroeder.	do	5
7	Lewis W. Ayer W. C. Palmer F. C. Schroeder J. F. Warner E. O, Fippin John C. Parker W. C. Palmer do. Robert D. Brown	do	5 6
8	E. O. Fippin	Traveling expenses	6
9	W. C. Palmer	Traveling expenses Paper fasteners. Traveling expenses Expenses Services Vials, etc Transportation	
	do	Expenses	31
10	Robert D. Brown	Services	2
10	Z. D. Gilman Blue Line Transfer Co James B. Lambie Co. (Incorporated) Harvard Laundry Co.	Vials, etc	1
	James B. Lambie Co. (Incorporated)	Pliers, etc. Washing towels. Amidol.	10
	Harvard Laundry Co.	Washing towels	
	Harvard Laundry Co  Delano & Moore	Amidol Repairs, etc	
	Woodward & Lothron	Soan	
	Washington Gas Light Co	Soap Gasdo	2
	do	do	3
	do do	Transportation do Electric current	
	Potomac Electric Power Co.	Electric current.	
	do	do	
	Pudolph West & Co	Hordwore	1
	dododo Rudolph, West & Co Potomac Electric Power Co J. T. Walker Sons Thos. R. Riley.	doHardware. Electric current.	1
12	J. T. Walker Sons.	Cement	
	Thos. R. Riley	Lumber	
	F. C. Sahafan & Co	Poilor fittings	
	do	Gas hose cocks	
	Thos. K. Kileydo. E. G. Schafer & Codo. Dinsmore Typewriter Codo. The J. C. Ergood Co. M. Du Perow	Boiler fittings. Gas hose cocks Repairs to typewriter	
	mb- I G Para I G	do Pearline Rubber	
	The J. C. Ergood Co	Pearline	

Date.	Name.	Nature of payment.	Total.
1903.			
Oct. 12	Chas. R. Edmonston	Filter. Steel, etc Tumblers Rubber	\$6.00
	J. E. Hurley	Steel, etc.	1.25 3.35
	J. E. Hurley. Chas. R. Edmonston. Fred. A. Schmidt.	Tumblers	3.35
	do		12.45
	do	Pens	12.45 4.80
	do. Elmer H. Catlin & Co. Columbia National Sand Dredging Co	Pens Electro-cell Gravel and sand	. 75
	W O Barry	Tin roof., etc.	3.50 19.40
	W. O. Berry. Wm. Gutshall E. F. Vermillion American Distributing Co., A. L. Webb &	Smoke stack	3.50
	E. F. Vermillion	Smoke stack Inspecting boiler	5.00
	American Distributing Co., A. L. Webb &	Alcohol	23, 65
14	Sons pranch.		6.25
1.1	Chesapeake and Potomac Telephone Co E. G. Schafer & Co.	Valves, etc.	1.82
			1.82 60.66
	Henry Allen	do	15,00
19	W. E. Hearn	Traveling expenses	164.38
	L. Carl Holmes	Expenses	132. 95 28. 25
	Mackall Bros Henry Allen W. E. Hearn Maey H. Lapham L. Carl Holmes W. H. Heileman J. A. Drake George Thomas McNess J. C. Hogenson W. T. Carter, jr F. E. Bonsteel W. G. Smith Geo. B. Massey Frank Bennett, jr George N. Coffey W. W. Cobey R. T. Lavon Burke H. W. Marean N. P. Neill J. W. Nelson do J. O. Martin W. M. Hinson E. H. Mathewson G. B. Jones A. W. Mangum Thomas A. Caine Henry J. Wilder J. E. Lapham W. H. Knox. F. R. Reid	Traveling expenses	43, 40
	J. A. Drake	do	101.64 32.92
	George Thomas McNess	do	32, 92 14, 92
	W T Carter ir	do	120.35
	F. E. Bonsteel	do	100.60
	W. G. Smith	do	116. 50 88. 05
	Geo. B. Massey	do	88.05
	Frank Bennett, jr	do	129.18
	W W Cohev	do	51 39
	R. T. Avon Burke	do	197. 04 51. 39 136, 55
	H. W. Marean	do	129, 83
	N. P. Neill	do	253.40
	J. W. Nelson	Fynansas	8.10 9.20
	J. O. Martin	Traveling expenses	95, 60
	W. M. Hinson	do	8, 29 23, 53
	E. H. Mathewson	do	23, 53
	A W Mangum	do	14. 40 32. 95
	Thomas A. Caine	do	236.11
	Henry J. Wilder	do	94. 24 151. 87
	J. E. Lapham W. H. Knox	do	151.87
21	W. H. Knox. F. R. Reid A. T. Strahorn F. D. Stevens J. B. Stewart C. N. Mooney Thomas D. Rice Nagle Engine and Boiler Works do. Julien P. Friez. Williams, Brown & Earle	do	37.00
	A. T. Strahorn	do	12. 15 29. 90
	F. D. Stevens	Expenses	24, 93
	J. B. Stewart.	Traveling expenses	45.62
	Thomas D. Rice	do	17.00 148.57 10.00
	Nagle Engine and Boiler Works	Apparatus	10.00
	do	Boiler, etc	183. 25 16. 75
22	Julien P. Friez.	Repairs to thermograph	16.75
	T II Danmall & Co	T	3.05
23	Frederick Carl.	Repairs to pump. Washing sacks Brooms Paste. Tin roof Electric apparatus. Weights	3. 24 1. 75
	Henrietta Burley	Washing sacks	5,00
	James B. Lambie Co. (Incorporated)	Brooms	1,73 3,52
	W O Barry	Tin roof	9.00
	Charles Englehard	Electric apparatus	.50
	Franklin Laboratory Supply Co	Weights	3,60
26 31	Elmer O. Fippin	Traveling expenses	31.65
91	H H Rennett	Salary	101.10
	J. L. Gill	do	84, 20 40, 00
	F. D. Stevens	do	60,60
	W. S. Lyman	do	84, 20
	La Mott Ruhlen	dodo.	84. 20 84. 20 84. 20 117. 90
	F. N. Meeker	do	84. 20
	J. E. Lapham	do	117.90
	E. P. Carr	do	84.20
	A T Sweet	do	84. 20 84. 20 70. 80
	Frederick Carl Henrietta Burley James B. Lambie Co. (Incorporated) R. P. Andrews & Co. (Incorporated) W. O. Berry Charles Englehard Franklin Laboratory Supply Co Elmer O. Fippin R. T. Avon Burke H. H. Bennett J. L. Gill F. D. Stevens W. S. Lyman Orla L. Ayrs. La Mott Ruhlen F. N. Meeker J. E. Lapham E. P. Carr G. B. Jones A. T. Sweet M. Earl Carr W. F. Melendan	do	84. 20
	M. Earl Carr. W. E. McLendon J. C. Hogenson	do	84. 20 84. 20
	J. C. Hogenson	do	84.20

Date.	Name.	Nature of payment.	Total.
1903.			
Oct. 31	A. E. Kocher	Salary	\$84.20
	H. W. Marean	do	84. 20 101. 10
	A. E. Kocher W. J. Geib H. W. Marean J. B. Stewart.	do	126, 40
	J. B. Stewart. Thos. D. Rice. A. T. Strahorn Chas. W. Ely J. A. Drake W. M. Hinson Geo. B. Massey Harry Rich W. W. Cobey L. Carl Holmes Thos. H. Means Lewis Griswold W. H. Knox	do	101. 10 84. 20 84. 20
	Chas. W. Elv	do	84, 20
	J. A. Drake	do	70.80
	W. M. Hinson	do	151.60 151.60 70.80
	Harry Rich	do	70.80
	W. W. Cobey	do	126.40
	L. Carl Holmes	do	60.60
	Thos. H. Means	do	210.60 84.20
	W. H. Knox	do	101.10
	Rudolph Boss	do	25, 00
	E. H. Mathewson	do	101.10 84.20
	W. J. Wood	do	50.00
	H. A. Clark	do	50.00
	H. L. Belden	do	50, 00 84, 20 101, 10
	A. W. Mangum	do	101. 10 84. 20
	Jay A. Bonsteel	do	210, 60
	Inos H. Acans Lewis Griswold W. H. Knox Rudolph Boss E. H. Mathewson Lewis W. Ayer W. J. Wood H. A. Clark H. L. Belden A. W. Mangum Nelson P. Neill Jay A. Bonsteel James O. Martin Macy H. Lapham W. W. Mackie Thomas A. Caine F. E. Bonsteel A. S. Root. A. M. Griffen J. L. Burgess Elmer O. Fippin W. E. Hearn H. J. Wilder W. T. Carter, jr. Henry Weinberg	do	101.10 134.80
	Macy H. Lapham	do	134. 80
	W. W. Mackie	do	84. 20 101. 10
	F. E. Bonsteel	do	101.10
	A. S. Root.	do	101. 10 84. 20
	A. M. Griffen	do	84, 20
	J. L. Burgess	do	84. 20 84. 20 117. 90
	W. E. Hearn	do	101 10
	H. J. Wilder	do	101.10
	W. T. Carter, jr.	do	84.20
	Denver and Rio Grande R. R. Co	Passenger transportation	101.10 84.20 101.10 18.30
	Nashville, Chattanooga and St. Louis Rwy	do	18.30
	Chicago and North-Western Rwy. Co	do	40.89
	Raltimore and Objo R R Co	do	76. 90 11. 00
	Lake Shore and Michigan Southern Rwy, Co	do	6. 63
	Oregon Short Line R. R. Co.	do	6.63 45.00
	Union Pacific R. R. Co	do	65. 60 12. 10 8. 60
	do	do	8.60
	Pennsylvania R. R. Co	do	54.90
	Southern Rwy. Co.	do	30.35 9.59
	Atlantic Coast Line R. R. Co	do	17, 20
	W. E. Grander W. T. Carter, jr.  Henry Weinberg.  Denver and Rio Grande R. R. Co.  Nashville, Chattanoga and St. Louis Rwy.  Chicago and North-Western Rwy. Co.  Atchison, Topeka and Santa Fe Rwy. Co.  Lake Shore and Michigan Southern Rwy. Co.  Oregon Short Line R. R. Co.  Washington Southern Rwy. Co.  Washington Southern Rwy. Co.  Ounion Pacific R. R. Co.  Washington Southern Rwy. Co.  Louisville and Nashville R. R. Co.  Louisville and Nashville R. R. Co.  Texas and New Orleans R. R. Co.  Pittsburgh, Cincinnati, Chicago and St. Louis Rwy. Co.	do	17, 20 35, 85 19, 25
	Pittsburgh, Cincinnati, Chicago and St. Louis	do	19. 25
	Rwy. Co. Richmond, Fredericksburg and Potomac	do	3.50
	R. R. Co.		
	Southern Rwy. Co	do	31, 25
	Oregon R. R. and Navigation Co.	00	19.00 55.00
	Southern Rwy, Co. do. Oregon R. R. and Navigation Co. F. H. King et al. Henry J. Wilder. J. W. Nelson. J. C. Hogenson Chas. R. Edmonston. Densmore Typewriter Co. J. E. Lapham Barber & Ross Church & Stephenson	Salaries	55. 00 3, 370. 69 107. 02 18. 77 38. 05
Nov. 4	Henry J. Wilder	Traveling expenses	107.02
9	J. W. Nelson	do	18.77
13	Chas, R. Edmonston	Tumblers	3, 35
10	Densmore Typewriter Co	Repairs	3.35 5.00
	J. E. Lapham.	Traveling expenses	167 32
	Church & Stephenson	Lumber	4.54 27 06
	do.	do	4. 54 27. 96 12. 74
	Z D Cilman	T7414	6.43
	Delano & Moore Harvard Laundry Co A. W. Mangum W. M. Hinson	Solios	2.65
16	A W Mangum	Traveling expenses	4.71 117.51
10	W. M. Hinson	do.	18, 40
-	Thomas D. Rice. Geo. W. Millar & Co. Remington Typewriter Co. Potomac Electric Power Co.	do	116.55 13.00
20 21	Geo. W. Millar & Co	Paper	13.00 1.65
21			

ate.	Name.	Nature of payment.	Tota
03.			
, 21	Potomac Electric Power Co	Electric current	\$17
	Rudolph, West & Co. Washington Gas Light Co. George Thomas McNess. Whitall, Tatum Co.	Brooms, etc	39
	Washington Gas Light Co	Gas. Traveling expenses. Test tubes.	39
23	George Thomas McNess	Traveling expenses	13
	Whitall, Tatum Co	Test tubes	4
	whitsil, Tatum Cododododomallinekrodt Chemical WorksThe Tarsion Balance CoJames Diller (guardian)F. E. BonsteelQueen & Co. (Incorporated)dododododododo	Flasks	2
	The Tergion Polence Co	Sodium Repairs	
	Tomas Dillar (quardian)	Office rent. Traveling expenses Dishes Chemicals	56
	F. F. Bonsteel	Traveling expenses	118
	Queen & Co. (Incorporated)	Dishes	118 15
	do	Chemicals	12
	do	Test tubes	12
	do	Soda	2
	do,	Ammonia	2
	do	Soda Ammonia Tubes	113
24	W. T. Carter, jr	Traveling expenses	113
	George N. Coffey	do	114
	J. O. Martin		138 10
	Coo B Manager		10
	A M Sanahaz	Salarr	28
	G. B. Jones	Traveling expenses	29 146 158 143
	dodododo W. T. Carter, jr George N. Coffey J. O. Martin F. H. King Geo. B. Massey A. M. Sanchez G. B. Jones Thomas. A. Caine Frank Bennett, ir	do	158
25	Frank Bennett, ir	do:	14
	Thomas. A. Came Frank Bennett, jr. W. E. Hearn C. W. Dorsey W. H. Knox R. T. Avon Burke Macy H. Lapham W. W. Cobey W. H. Heileman W. G. Smith	do	156
	C. W. Dorsey.	do	7
	W. H. Knox	do	21
	R. T. Avon Burke.	do	1 14
	Macy H. Lapham	do	146
	W. W. Cobey	do	34 79 133
0=	W. H. Helleman	do	100
27	V. G. SIIIIII	Ernanga	136
30	Lowie W Avor	Solory:	30
50	W. G. Smith L. Carl Holmes Lewis W. Ayer Orla L. Ayrs	do	8: 8:
	H. L. Beldon	do	8.
	H. L. Beldon H. H. Bennett F. E. Bonsteel Jay A. Bonsteel	do	8
	F. E. Bonsteel	do	97
	Jay A. Bonsteel	do	81 97 203
	Rudolph Boss	do	23
	Rudolph Boss J. L. Burgess R. T. Avon Burke. Thomas A. Caine	do	81 97 97
	R. T. Avon Burke	do	97
	Thomas A. Caine	do	97
	M. Fowl Corn	do	81
	W T Carter ir	do	81
	H. A. Clark	do	81 50
	W. W. Cobey	do	122
	J. A. Drake	do	122
	Chas. W. Elv.	do	81
	Elmer O. Fippin	do	81 114
	W.J. Geib	do	8: 40 8:
	J. L. Gill	do	40
	A. M. Griffen	do	8:
	W F Hoom		81
	W M Hipson	do	97 146
	I. Carl Holmes	do	58
	G. B. Jones	do	9.1
	W. H. Knox	do	97 81 114
	A. E. Kocher	do	81
	J. E. Lapham	do	114
	Macy H. Lapham	do	130
	W. S. Lyman	do	81
	W. E. McLendon	do	81
	W. W. Mackle	do	81
	A. W. Mangum	do	97
	I. W. Marean	00	97 97 97
	R. T. Avon Burke Thomas A. Caine C. P. Carr M. Earl Carr W. T. Carter, jr H. A. Clark W. W. Cobey J. A. Drake Chas. W. Ely Elmer O. Fippin W. J. Geib J. L. Gill A. M. Griffen Lewis Griswold W. E. Hearn W. M. Hinson L. Carl Holmes G. B. Jones W. H. Knox A. E. Kocher J. E. Lapham Macy H. Lapham W. S. Lyman W. F. McLendon W. W. Mackie A. W. Mangum H. W. Marean J. O. Martin Geo. B. Massey E. H. Mathewson Thos. H. Means F. N. Meeker N. P. Neill Thos. D. Rice Harry Rich A. S. Root La Mott Ruhlen	do	146
	E. H. Mathewson	do	146 97
	Thos. H. Means	do	203
	F. N. Meeker	do	203 81
	N. P. Neill	do	81
	Thos. D. Rice	do	97
	Harry Rich	do	68
		4	81

Date.	Name.	Nature of payment.	Total.
1903.			
ov. 3	F. D. Stevens. J. B. Stewart. A. T. Strahorn A. T. Sweet . Henry Weinberg. Henry J. Wilder W. J. Wood. F. H. King et al Thos. R. Riley	Salary	\$58.
	J. B. Stewart	do	122. 81.
	A. T. Strahorn	do	81.
	A. T. Sweet	do	
	Henry Welliberg	do	97. 97. 50. 3, 179.
	W I Wood	do	97. 50
	F. H. King et al	Salaries	3 179
ec.	Thos. R. Riley Geo. F. Muth & Co Francis Miller	Lumber	0,110.
	Geo. F. Muth & Co.	Lumber Road pens Glass	1.
	Francis Miller	Glass	
	Wm. H. Rupp. Woodward & Lothrop. The M. Lindsay Rubber Co. W. B. Moses & Sons. National Electric Supply Co.	Ink	3.
	Woodward & Lothrop	Felt, etc	2.
	The M. Lindsay Rubber Co	Dental dam, etc	5.
	W. D. MOSES & SORS	Chair. Solder.	4.
	E. G. Schafar & Co.	Pine	2
	Church & Stephenson	Pipe Lumber	4. 2. 2. 10.
	R. Carter Ballantyne	Crayons, etc.	1.5.
	Washington Railway and Electric Co	Tickets	6.
	Frederick Carl	Repairs to pump	1
	Ratonia Flettire Supply Co. E. G. Schafer & Co. Church & Stephenson. R. Carter Ballantyne. Washington Railway and Electric Co. Frederick Carl. Hudson's Variety Store Whitall-Tatum Co.	Tickets Repairs to pump Brushes Spatulas, etc	7. 26. 3.
	Whitall-Tatum Co	Spatulas, etc	7.
	Hudsolf S variety Store Whitall-Tatum Co. do Henry Heil Chemical Co. Fred. A. Schmidt. C. S. Kessler Bro. do The E. F. Brooks Co. The Leeds & Northrup Co. Manhattan Electric Supply Co. S. H. Davis & Co. Chas. A. Jensen. W. H. Heileman. F. D. Stevens. do. Geo. B. Massey. Frank Bennett, jr. Henry J. Wilder. F. E. Bonsteel. Harvard Laundry Co. A. W. Mangum. W. E. Hearn. G. B. Jones.	Tubing etc	26.
	Fred A Schmidt	Protractors	1.
	C. S. Kessler Bro	Tire valves	1.
	do	Pump	4.
	The E. F. Brooks Co.	Mantles.	1.
	The Leeds & Northrup Co	Galvanometer, etc	18.
	Manhattan Electric Supply Co	Jars	1.
	S. H. Davis & Co	Repairing odometers	15.
	Chas. A. Jensen	Traveling expenses	34.
	W. H. Helleman	do	30. 18.
	r. D. Stevens	Traveling arranges	11.
	Gao R Massay	do	55.
	Frank Rennett ir	do	110
	Henry J. Wilder	do	110. 134.
	F. E. Bonsteel	do	84.
	Harvard Laundry Co	Washing towels	, 4, , 99, 113,
	A. W. Mangum	Traveling expenses	99.
	W. E. Hearn G. B. Jones W. T. Carter, jr. George N. Cofley. J. O. Martin. J. E. Lapham W. G. Smith L. Carl Holmes. R. T. Avon Burke. Nashville, Chattanooga and St. Louis Rwy. St. Louis and San Francisco Rwy. Co. Pittsburgh, Cincinnati, Chicago and St. Louis Rwy. Co.	do	113.
	W. T. Conton in	do	114.
	George N. Coffey	do	119. 132.
	I O Martin	do	160.
	J. E. Lapham	do	156. 104. 16.
	W. G. Smith	do	104.
	L. Carl Holmes	Expenses	16.
	R. T. Avon Burke	Traveling expenses	109.
	Nashville, Chattanooga and St. Louis Rwy.	Passenger transportation	40. 11.
	St. Louis and San Francisco Rwy. Co	00	5.
	Rwy. Co.	00	Э.
	Southern Rwy, Co	do	58.
	Southern Rwy. Codo Pennsylvania R. R. Co.	do	58. 77.
	Pennsylvania R. R. Co.	do	11.
	Pennsylvania K. K. Co Pennsylvania Co Chicago, Cincinnati, Cleveland and St. Louis Rwy. Co.	do	10. 15.
	Chicago, Cincinnati, Cleveland and St. Louis	do	15.
	Rwy. Co.	a.	105
	Chicago and Northwestern Rwy. Co	do	105.
	Chicago and Northwestern Rwy. Co. Atlantic Coast Line R. R. Codo.	do	8. 32.
	do	do	30.
1	George T. McNess	Traveling expenses	30.
	W. H. Knox	do	30. 30. 10.
	Thos. D. Rice	do	132.
	do .	Glass	27.
1	The Geo. W. Knox Express Co	Transportation	27. 2.
	F. G. Sebefor & Co	Wronehos	8.
	Rudolph West & Co	Nails etc	20
	Fred. A. Schmidt	Drawing paper	20. 34.
	Barber & Ross	Buckets	1. 2.
	James B. Lambie Co. (Incorporated)	Wire cloth	2.
	M. Du Perow	Electric supplies	4.
	Z. D. Gilman Hugh Reilly W. M. Hinson	Brushes Traveling expenses	30. 2.
		W mighog	.,

Da	te.	Name.	Nature of payment.	Total.
190	03.			
Dec.		Thos. A. Caine. Macy H. Lapham. Church & Stephenson.	Traveling expenses	\$155.85 122.20
	1.4	Macy H. Lapham	Lumber.	122.20
	14	do do	Lumcer	64.84
		do. Woodward & Lothrop.	Towels, etc	27.04
		Andrus & Church	Paper. Chemicals	23.13 107.58
		Mackall Bros	Chemicals	107.58
	15	W. & L. E. Gurley	Compasses, etc. Salary. Traveling expenses. Tripods.	22.10
	15 17	W W Coher	Traveling avnances	29. 30 54. 70
	Τ,	Whitall-Tatum Co.	Tripods	29. 35 54. 70 7. 20
		Henry Heil Chemical Co	Sieve. Passenger transportation	3.50
	18	Mackan Bros W. & L. E. Gurley F. D. Stevens. W. W. Cobey Whitall-Tatum Co Henry Heil Chemical Co. Delaware, Lackawanna and Western R. R. Co.	Passenger transportation	21.90
		Chicago, Cincinnati, Cleveland and St. Louis Rwy. Co.	do	29.02
		Denver and Rio Grande R. R. Co	do	57. 75
		Michigan Central R. R. Co	do	38.40
		Chicago, Milwaukee and St. Paul Rwy. Co	dodo	16.90 22.78
		Missouri, Kansas and Texas Rwy, Co	do	5, 40
		Northern Pacific Rwy. Co	do	5. 40 81. 78
	4.0	Oregon Short Line R. R. Co	do	61.90
	19	C. W. Dorsey.	Traveling expenses	43.20
	19 21 31	Denver and Rio Grande R. R. Co Michigan Central R. R. Co Chicago, Burlington and Quincy Rwy. Co Chicago, Milwaukee and St. Paul Rwy. Co Missouri, Kansas and Texas Rwy. Co. Northern Pacific Rwy. Co. Oregon Short Line R. R. Co C. W. Dorsey. John C. Parker Thos. H. Means. F. H. King et al.	Salary	8, 83 210, 60
	01	F. H. King et al.	Salaries	3, 264. 05
		Total second quarter		36, 286. 39
190	)4.			
Jan.		G. B. Jones	Salary	84.20
		G. B. Jones James O. Martin	dő	84.20 101.10
		A. W. Mangum W. W. Mackie F. N. Meeker H. W. Marean	do	101.10
		W. W. Mackie	do	84. 20 84. 20
		H W Marean	do	101.10
		W. E. McLendon E. H. Mathewson Kelson P. Neill Thos. D. Rice	do	84.20
		E. H. Mathewson	do	101.10
		Nelson P. Neill	do	84.20
		A. S. Root	do	101.10 84.20
		La Mott Ruhlan	do	84. 20
		La Mott Ruhlan A. E. Kocher W. M. Hinson	do	84. 20 84. 20
		W. M. Hinson	do	151.60
		L. Carl Holmes	do	60.60 101.10
		W. E. Hearn W. H. Knox	do	101.10
		W. L. Lyman	do	84.20
		Macy H. Lapham	do	134.80
		J. E. Lapham	do	117.90
		Lowis W. Aver	do	151.60
		Orla L. Avrs	do	84 20
		W. L. Lyman Macy H. Lapham J. E. Lapham Geo. B. Massey Lewis W. Ayer Orla L. Ayrs Jay A. Bonsteel F. E. Bonsteel	do	84.20 84.20 210.60
		F. E. Bonsteel	do	101.10
		J. L. Burgess R. T. Avon Burke. Lewis Griswold.	do	84.20
		I ewis Griswold	do	101, 10 84, 20
		W. J. Geib.	do	84.20
		Lewis Griswold W. J. Geib. A. M. Griffen J. L. Gill. Elmer O. Fippin Chas. W. Ely J. A. Drake M. Earl Carr H. A. Clark	do	84.20
		J. L. Gill	do	40.00 117.90
		Elmer O. Fippin	do	117.90
		I A Droke	do	84. 20 70. 80
		M. Earl Carr	do	84.20
		H. A. Clark	do	50,00
		W. W. Cobey	do	126, 40
		Thos A Coine	do	84.20
		H. A. Clark W. W. Cobey E. P. Carr Thos. A. Caine W. T. Carter, jr	do	101.10 84.20
		Rudolph Boss.	do	25, 00
		Hugh H. Bennett	do	84. 20 84. 20
		Rudolph Boss. Hugh H. Bennett H. L. Beldin W. J. Wood	do	84.20
		W. J. Wood.	do	50.00
		Henry Weinberg H. J. Wilder A. T. Sweet. J. B. Stewart	do	101.10 101.10 70.80
		*** U. († 110C1	UU	101, 10
		A. T. Sweet	do	70.80

Date.	Name.	Nature of payment.	Total
1904.			
an. 2	Harry Rich	Salary	\$70.
	A. T. Strahorn George Thomas McNess	do	84.
6	George Thomas McNess	Traveling expenses	46.
7	C. E. Rouser Harvard Laundry Co Thos. Somerville & Sons Hugh Reilly	Labor Washing towels Tubes Asphaltum	5.
7	Thes Comerville & Cong	Wasning towels	3. 6.
	Hugh Roilly	Aspholtum	0.
	do. Geo. F. Muth. Woodward & Lothrop. W. B. Moses & Sons. Potomac Electric Power Co.	do	
	Geo. F. Muth	Oil, etc.	3
	Woodward & Lothrop.	Oil, etc. Dusters, etc.	4.
	W. B. Moses & Sons	Webbing, etc	7.
	Potomac Electric Power Co	Webbing, etc. Electric current.	24
	a ClO	(10)	$\frac{2}{37}$
0	Washington Gas Light Co	Gas	37
8	Francis Miller Washington Railway and Electric Co	Oil	6
	Chas B Edmonston	Filter tubes etc	21
12	Ramington Typowriter Co	Rangire to typowriter	16
12	Z. D. Gilman	Tuhing ete	22
	Woodward & Lothron	Soan	3
	Francis Miller.	Glass	3 37
	Fred. A. Schmidt	Artists' materials	24
14	J. E. Lapham	Traveling expenses	125 99
	Francis Miller Washington Railway and Electric Co. Chas. R. Edmonston. Remington Typewriter Co. Z. D. Gilman Woodward & Lothrop Francis Miller Fred. A. Schmidt. J. E. Lapham Frank Bennett, jr W. M. Hinson. Thos. D. Rice Thos. H. Means W. H. Knox Henry J. Wilder.	do	99
	W. M. Hinson	do	100
	Thos. D. Kice	do	126
	Thos. H. Means	do	116 17
	Honry I Wilder	do	, 123
	W T Carter ir	do	35
	W. H. Knox. Henry J. Wilder. W. T. Carter, jr. J. O. Martin. W. W. Cobey. George N. Coffey. W. E. Hearn. George B. Massey. J. A. Drake Thos. A. Caine Whitall, Tatum Co.	do	35 167
	W. W. Cobev	do	47
	George N. Coffey	do	19
	W. E. Hearn	do	20
	George B. Massey	do	32
	J. A. Drake	do	40
	Thos. A. Caine	do	189 17
	Whitall, Tatum Co	Air baths, etc	17
			1 8
	W & J. F Curley	Pencils Plane tables, etc Tube and bulbs	42
	Fimer & Amend	Tube and bulbs	5
	Queen & Co. (Incorporated)	Paraffin	6
	do	do. Traveling expenses Beaks, etc.	6
	G. B. Jones	Traveling expenses	126
	Arthur H. Thomas Co	Beaks, etc	42
	Mineralized Rubber Co	Hose	30
16	W. & L. E. Gurley	Rulers and compasses Traveling expenses	76
10	Macy H. Lanham	do	114
	Chas W Fly	do	19
18	Eberhard Faber W. & L. E. Gurley Eimer & Amend. Queen & Co. (Incorporated)do G. B. Jones Arthur H. Thomas Co. Mineralized Rubber Co. W. & L. E. Gurley A. W. Mangum Macy H. Lapham Chas. W. Ely William H. Dyer Henrietta Burley Delano & Moore.	do do Lumber Washing sacks Photo supplies Lumber Scales. Traveling expenses do	29
	Henrietta Burley	Washing sacks	. 3
	Delano & Moore	Photo supplies	15
	Church & Stephenson	Lumber	16
10	Delano & Moore Church & Stephenson W. & L. E. Gurley Jas. L. Burgess	Scales	4
19	Jas. L. Burgess	Traveling expenses	30
	R T Avon Burke	dodo	41 84
	Queen & Co (Incorporated)	Ammon, hydroxide	6
25	Jas. L. Burgess. Chas. A. Jensen. R. T. Avon Burke. Queen & Co. (Incorporated) Michigan Central R. R. Co. Northern Pacific Rwy. Co. New York, New Haven and Hartford R. R.	Passenger transportation	25
20	Northern Pacific Rwy. Co.	do	18
	New York, New Haven and Hartford R. R.	do	4
	Co.		
	do	do	9
	Oregon Short Line R. R. Co	do	9 57 75
	do. Oregon Short Line R. R. Co. Southern Rwy. Co.		15.
	San Pedro, Los Angeles and Salt Lake R. R.	do	35. 7.
	. Co.		
	Atlantic Coast Line R. R. Co	do	8 15 24
	Washington Southern Rwy. Co	do	15.
	Georgia Railroad	do	24.
	Pennsylvania R. R. Co.	do	16 25
	Lake Shore and Michigan Southern Rwy. Co.	do	25
	Co. Atlantic Coast Line R. R. Co Washington Southern Rwy. Co. Georgia Railroad. Pennsylvania R. R. Co. Lake Shore and Michigan Southern Rwy. Co. Pennsylvania R. R. Co. Emil Greiner. The Fred. Macey Co. (Limited). Mallinckrodt Chemical Works. Whitall, Tatum Co.	Aluminum dichac	10 8
26	The Fred Macov Co (Limited)	Advertising card system	1
20	Mallinckrodt Chemical Works	Sodium	3.
		DOULULL	4

Da	te.	Name.	Nature of payment.	Total.
190	14			
Jan.		Eimer & Amend	Copper, drying bath, etc	\$18.30 89.22 2.70 2.57
		Eimer & Amend. Adams Express Co.	Transportation	89, 22
		Fred. A. Schmidt. John C. Parker Standard Oil Co. Thos. Somerville & Sons.	Pens	2.70
		John C. Parker	Pencils	2, 57
	27	Standard Oil Co	Cylinder	2.00
	27	Thos. R. Riley	Lumbor	14.95 5.33
		do	do	2 80
		do Rudolph, West & Co. E. G. Schafer & Co.	Lumber do Brush, etc	2.80 .78 27.16
		E. G. Schafer & Co.	Valves, etc. Oil Electric current.	27, 16
		Francis Miller	Oil	. 92
		Potomac Electric Power Co	Electric current	20.44
		do	do	1.38 36.75
	30	Milton Whitney	Traveling expenses	36.75
13.3	31	F. H. King et al.	Salaries	3,312.12 102.20
Feb.	1	Lewis W. Ayer.	Salary	102. 20
		U. I. Poldon	dodo	85.20 85.20
		Rudolph, West & Co. E. G. Schafer & Co. Francis Miller. Potomae Electric Power Codo. Milton Whitney. F. H. King et al. Lewis W. Ayer. Orla L. Ayrs. H. L. Belden. Hugh H. Bennett. J. C. Britton. F. E. Bonsteel. Jay A. Bonsteel. Rudolph Boss. J. L. Burgess. Thomas A. Caine. E. P. Carr. M. Earl Carr. W. T. Carter, jr. H. A. Clark W. W. Cobey. J. A. Drake. C. W. Ely. Elmer O. Fippin. W. J. Getb. J. L. Gill. A. M. Griffen. Lewis Griswold	do	85.20
		I C Britton	do	85, 20 85, 20
		F E Bonsteel	do	102.20
		Jay A. Bonsteel	do	212.90
		Rudolph Boss	do	25.00
		J. L. Burgess	do	07 00
		Thomas A. Caine	do	102, 20
		E. P. Carr	do	85.20
		M. Earl Carr	do	85. 20 102, 20 85. 20 85. 20 85. 20
		W. T. Carter, jr	do	85.20
		H. A. Clark	do	50.00
		W. W. Cobey	do	50.00 127.70 71.50 85.20
		C W Fly	dodo	71.00 85.20
		Elmer O Finnin	do	110 20
		W. J. Geib	do	85. 20
		J. L. Gill	do	119. 20 85. 20 19. 35
		A. M. Griffen	do	85, 20
		Lewis Griswold	do	85.20
		W. M. Hinson	do	85, 20 85, 20 170, 30
		W. E. Hearn	do	
		L. Carl Holmes	do	85. 20 85. 20 102. 20 85. 20
		W. H. Vnor	do	85.20
		A F Vocher	do	95.20
		Macy H Lapham	do	136 30
		W. Š. Lyman	do	85.20
		A. M. Griffen. Lewis Griswold W. M. Hlnson W. E. Hearn. L. Carl Holmes G. B. Jones. W. H. Knox A. E. Kocher. Macy H. Lapham W. S. Lyman W. E. McLendon W. W. Mackie A. W. Mangum H. W. Marean Geo. B. Massey	do	136, 30 85, 20 85, 20
		W. W. Mackie	do	85, 20 85, 20 102, 20 102, 20 153, 30
		A. W. Mangum	do	102.20
		H. W. Marean	do	102.20
		Geo. B. Massey	do	153.30
		H. W. Marean Geo. B. Massey J. O. Martin E. H. Mathewson Thos. H. Means F. N. Meeker N. P. Neill F. R. Reid Thos. D. Rice Harry Rich A. S. Root La Mott Ruhlen A. T. Strahorn		102. 20 127. 70 212. 90
		Thos H Moons	do	212.70
		F N Moeker	do	85. 20
		N. P. Neill	do:	85. 20
		F. R. Reid	do.	71.50
		Thos. D. Rice	do.	85. 20 71. 50 102. 20
		Harry Rich	do	85 20
		A. S. Root	do	85. 20 85. 20 85. 20
		La Mott Ruhlen	do	85.20
		A. T. Strahorn	do	85, 20
		J. B. Stewart	do	127.70
		A. T. Sweet	do	127. 70 71. 50 85. 20
		Jay F. Warner	do	85. 20
		Honry I Wilder	do	102.20
		W. J. Wood	do	102.20 66.40
	3	Washington Gaslight Co	Gas	18.10
		Fred. A. Schmidt.	Ruling pens	3, 75
		E. G. Schafer & Co	Brass unions	2.00
		Wm. H. Rupp Co	Note books	3.75 2.00 1.80
		D. Frank Parker	Typewriter paper	2.40
		Geo. F. Muth & Co.	Ink	2.00
		La Mott Ruhlen A. T. Strahorn J. B. Stewart A. T. Sweet Jay F. Warner Henry Warner Henry J. Wilder W. J. Wood Washington Gaslight Co- Fred. A. Schmidt E. G. Schafer & Co Wm. H. Rupp Co D. Frank Parker Geo. F. Muth & Co W B. Moses & Sons Mackall Bros James B. Lambie Co. (Incorporated)	Tables	2. 40 2. 00 17. 25 97. 81
		Mackall Bros. James B. Lambie Co. (Incorporated)	Jars, etc	97.81
		James B. Lamble Co. (Incorporated)	Chain, etc	5. 61
		do. Z. D. Gliman F. S. Gichner Dulin & Martin	Chain, etc. Brads. Flasks.	1.62 10.29
		F S Giehner	Wire baskets.	36, 20

ate.	Name.	Nature of payment.	Total
904.	4		
. 3	R. P. Clarke Co. The Chesapeake and Potomac Telephone Co. R. Carter Ballantyne. Barber & Ross. C. W. Dorsey.	Toweling. Telephone service	\$12
	The Chesapeake and Potomac Telephone Co.	Telephone service	6
	R. Carter Ballantyne	Copying paper	3
4	C W Dorgov	Copying paper Augers, etc Traveling expenses	8.
4	C. W. Dorsey. Geo. B. Massey. Potomac Electric Power Co.		49
9	Potomac Electric Power Co	do. Electric currentdo.	35. 21.
Ü	do	do	1
	Fred A Schmidt		1. 49.
	Harvard Laundry Co	Washing towels	4.
	Harvard Laundry Co Washington Gaslight Co Woodward & Lothrop Church & Stephenson	Gas. Portieres, etc.	27. 30.
	Woodward & Lothrop	Portieres, etc	30.
	Church & Stephenson	Lumber	57.
	do. do. Thos. A. Caine.	do	41.
11	Thos A Caine	Traveling expenses	26. 163.
	J. O. Martin Thomas D. Rice W. W. Cobey W. M. Hinson	do	147.
	Thomas D. Rice.	do	131.
	W. W. Cobey	do	41. 66.
	W. M. Hinson	do	66.
	L. J. Briggs	do	34.
10	W. E. Hearn	Envelopes	167.
12	Williams Brown & Farle	Mantles	34. 167. 2. 4.
	Mallinekrodt Chemical Works	Chemicals	6.
	The Armour Fertilizer Works	Fertilizer	1.
	G. B. Jones	Traveling expenses	145.
	W. M. Hinson. L. J. Briggs. W. E. Hearn. U. S. Envelope Co. Williams, Brown & Earle. Mallinckrodt Chemical Works. The Armour Fertilizer Works. G. B. Jones. W. G. Smith. Queen & Co. (Incorporated). Eberhard Faber. Julien P. Friez. F. E. Bonsteel.	do	145. 131.
	Queen & Co. (Incorporated)	Sodium	2.
	Eberhard Faber	Files	4.
	Julien P. Friez.	Forms.	10. 161.
	W T Carter ir	do do	164.
	A W Mangum	do	132.
	W. & L. E. Gurlev.	Plane table, etc.	29.
13	George Thomas McNess	Traveling expenses	29. 73.
	Frank Bennett, jr	do	106.
	Julien P. Friez. F. E. Bonsteel. W. T. Carter, jr. A. W. Mangum. W. & L. E. Gurley. George Thomas McNess. Frank Bennett, jr. J. C. Britton. Chas. W. Ely. J. Garnett Holmes	do	123. 78.
	Chas. W. Ely	do	78.
	J. Garnett Holmes	do	520.
	Macy H Lapham	do	109. 251.
17	Delano & Moore	Photo supplies	25.
	La Bolsa Tile Co	Drain tile	114.
18	Thos. H. Means	Traveling expenses	267.
	Elmer O. Fippin	do	151.
	L. D. Gulley.	Rent.	15.
	Washington Southern Pury Co	rassenger transportation	37. 49.
	Atchison Topeka and Santa Fe Rwy Co	do	6.
	Illinois Central R. R. Co.	do	18.
	Chas. W. Fly J. Garnett Holmes H. J. Wilder Macy H. Lapham Delano & Moore. La Bolsa Tile Co Thos. H. Means Elmer O. Fippin L. D. Gulley Texas and New Orleans R. R. Co. Washington Southern Rwy. Co. Atchison, Topeka and Santa Fe Rwy. Co. Illinois Central R. R. Co. The Chesapeake and Ohio Rwy. Co. Gulf, Colorado and Santa Fe Rwy. Co. Seaboard Air Line Rwy Queen & Co. (Incorporated) The Okonite Co. (Limited) Wolf Bros The Torsion Balanee Co. Mallinckrodt Chemical Works Harold L. Bond Co. The Geo. W. Knox Express Co. do. R. Carter Ballantyne	do	37.
	Gulf, Colorado and Santa Fe Řwy. Co	do	11. 12.
00	Seaboard Air Line Rwy	Distilling balls	12.
23	The Okonite Co. (Limited)	Wire	3.
	Wolf Bros	Envelopes	7. 4.
	The Torsion Balance Co.	Scales	73.
	Mallinckrodt Chemical Works	Chemicals	1.
	Harold L. Bond Co	Couplings	5.
24	The Geo. W. Knox Express Co	Transportation	2.
	do	Erasers.	1.
	R. Carter Ballantyne	Tube.	7. 6.
	The I C Freed Co		4.
	U. S. Express Co.	Pearline Transportation	94.
	E. G. Schafer & Co.	Packing	2.
	Rudolph, West & Co	Lock, etc	
	The J. C. Ergood Co U. S. Express Co E. G. Schafer & Co Rudolph, West & Co Thos. Somerville & Sons. Western Union Telegraph Co W. H. Knox do F. E. Bonsteel W. F. Hearn	Pipe, etc.	20.
27	Western Union Telegraph Co	Telegraph service	37.
29	W. H. Knox	Salary	95.
	F F Ronsteel	dodo	25. 95.
	W F Haarn	. do	95. 95.
	H. W. Marean	do	95.
	W. E. Hearn. H. W. Marean. Thos. D. Rice. J. O. Martin. Rudolph Boss. E. H. Mathewson.	do	95.
	J. O. Martin	do	95.
	Rudolph Boss	do	25.
			119.

Da	te.	Name.	Nature of payment.	Total.
190	)4.	Henry Weinberg W. W. Cobey Thomas A. Caine J. B. Stewart J. B. Stewart J. B. Stewart A. W. Mangum Henry J. Wilder Elmer O. Fippin Lewis W. Ayer Orla L. Ayrs Macy H. Lapham W. M. Hinson Geo. B. Massey Thos. H. Means Jay A. Bonsteel N. P. Neill A. M. Griffen J. C. Button W. J. Wood H. A. Clark W. S. Lyman L. Carl Holmes H. L. Belden A. T. Sweet Harry Rich F. R. Reid		
Feb.	29	Henry Weinberg	Salary	\$95.60
		W. W. Cobey	do	119.60
		I B Stewart	do	95.66
		Jay F. Warner	do	119.60 79.60
		A. W. Mangum	do	95.60 95.60
		Henry J. Wilder	do	95.60
		Elmer O. Fippin	do	111.60
		Orlo I Ayrs	do	95.66 79.66
		Maey H. Lanham	do	127 46
		W. M. Hinson	do	127.46 159.46
		Geo. B. Massey	do	143 40
		Thos. H. Means	do	199. 20 199. 20 79. 60
		N P Noill	do	70.6
		A. M. Griffen	do	79.60
	- 3	J. C. Button	do	79.60 62.20 50.00
		W. J. Wood	do	62.2
		H. A. Clark	do	50.00
		W. S. Lyman	do	79.60
		H I. Belden	do	79.60 79.60 67.00
		A. T. Sweet	do	67.06
		A. T. Sweet Harry Rich F. R. Reld W. E. McLendon Hugh H. Bennett A. S. Root A. T. Strahorn A. H. Snyder La Mott Ruhlen F. N. Meeker W. W. Mackle A. E. Kocher G. B. Jones	do:	79.60
		F. R. Reid	do	67.00
		W. E. McLendon	do	79.60
		A S Root	do	79.66 79.66
,		A. T. Strahorn	do	79.66
		A. H. Snyder	do	79.60
		La Mott Ruhlen	do	79.6
		F. N. Meeker	do	79.6
		W. W. Mackie	do	79.6
		G B Iones	do	79.60 79.60
		W. J. Geib	do	79.60
		Lewis Griswold	do	79.60
		C. W. Ely	do	79.60
		W. T. Carter, jr	do	79.60
		R P Corr	do	79.66
		F. H. King et al.	Salaries	79.66 3,639.10
Mar.	2 3	E. H. Mathewson	Traveling expenses	15.00
	3	James D. Butler	Salary	24.78
		George Shilling	Filter pumps	24. 73 30. 00 22. 6
		The Goo W Vnoy Express Co	Transportation	36. 27
	4	Milton Whitney	Traveling expenses	7.98
	1	A. G. Rice	do	22.60
		Eimer & Amend	Apparatus	22.60 3.70
		Henry Heil Chemical Co	Beakers	5, 77
	7	W. W. Mackie A. E. Kocher G. B. Jones. W. J. Geib Lewis Griswold C. W. Ely. W. T. Carter, jr M. Earl Carr F. H. King et al. E. H. Mathewson. James D. Butler George Shilling Z. D. Gilman The Geo. W. Knox Express Co. Milton Whitney A. G. Rice Eimer & Amend. Henry Heil Chemical Co. do. George T. McNess G. B. Jones. F. E. Bonsteel Elmer O. Fippin J. O. Martin Harry Rich. W. G. Smith	Traveling expenses	1.90
	10	G. B. Jones	do	56.88 110.08
	10	F. E. Bonsteel	do	136.5
		Elmer O. Fippin	do	126. 22 123. 33
		J. O. Martin	do	123.33
		Harry Rich	do	20.07
		Harry Rich W. G. Smith Frank Bennett, jr. Postal Telegraph-Cable Co.	do	144.75 96.99
	11	Postal Telegraph-Cable Co.	Telegraph service	.80.98
		Arthur H. Thomas Co. Queen & Co. (Incorporated) Geo. W. Millar & Co. Mackall Bros. Chas. R. Edmonston Church & Stephenson Potomac Electric Power Co.	Beakers, etc.	10.43
		Queen & Co. (Incorporated)	Paraffin. Manila paper Chemicals	12, 50
		Geo. W. Millar & Co	Manila paper	16.50 24.95
		Chas P Edmonston	Pans, etc.	24.95 6.33
		Church & Stephenson	Lumber	4 00
		Potomac Electric Power Co.	Lumber Electric current	21, 03
		do	do	4.00 21.03 1.72
		do A. W. Mangum W. E. Hearn Woodward & Lothrop Washington Gaslight Co. Thos. Somerville & Sons. Fred. A. Schmidt Thos. A. Caina	Traveling expenses	121.55
		W. E. Hearn	Sheeting and dusters	146.06
		Washington Gaslight Co	Sheeting and dusters	146.06 8.70 31.20
		Thos. Somerville & Sons	Braint-	31.20
		Fred. A. Schmidt	Paints.	1.90
	12	Thos. A. Caine Thos. D. Rice Fred. S. Gichner	Paints	158.44
	7.4	Thos. D. Rice	Wire baskets	112.35
	14	Fred. S. Gichner	Wire baskets	45.00

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 14	Delano & Moore	Plates	\$4.29 134.05
10	W. T. Carter, ir	Traveling expenses	134.05
16	Delano & Moore. W. T. Carter, ir. Geo. B. Massey A. S. Root. E. H. Mathewson. Henry J. Wilder. J. C. Britton. W. H. Knox Chicago and Northwestern Rwy. Co. The Chesapeake and Ohio Rwy. Co. Atlantic Coast Line R. R. Co. M. H. Lapham. Blue Line Transfer Co. Herman Baumgarten. R. Carter Ballantyne. Southern Rwy. Co. do.	do	20. 20 38. 70
	E. H. Mathewson	do	38.40
	Henry J. Wilder.	do	149, 13
17	J. C. Britton	do	149. 13 92. 35
	W. H. Knox	do	14.75
	The Chesanoaka and Ohio Pwy Co	Transportation	37.02
	Atlantic Coast Line R. R. Co.	Passenger transportation	15.00 5.95
18	M. H. Lapham	Traveling expenses	5. 95 256. 70
	Blue Line Transfer Co	Freight, etc	8.81 9.00
	Herman Baumgarten	Numbering stamp	9.00
	K. Carter Ballantyne	Wax crayons	9.52 57.90
	do	do	154. 18
	St. Louis and San Francisco R. R. Co	do	20, 80
	Texarkana and Fort Smith Rwy. Co	do	9.10
	Texas and New Orleans R. R. Co	do	35, 80
	Southern Rwy. Cododo  St. Louis and San Francisco R. R. Co Texarkana and Fort Smith Rwy. Co Texas and New Orleans R. R. Co Union Pacific R. R. Co Washington Southern Rwy. Codo  Richmond, Fredericksburg and Potomac Rwy. Co	do	38.85 3.50
	washington Southern Kwy. Co	do	24.80
	Richmond, Fredericksburg and Potomac	do	3.50
	Rwy. Co.		
	Harvard Laundry Co.	Washing towels	4.27
	Jas. B. Lamble Co. (Incorporated) F. P. May & Co Francis Miller Thos. H. Means	Wire cloth, etc	4.08
	Francis Miller	Cane	. 85 9. 28
21	Thos. H. Means	Glass. Traveling expenses	211, 89
	Chas. W. Ely W. M. Hinson J. G. Holmes	do	193.50 267.88 353.10
	W. M. Hinson	do	267.88
	J. G. Holmes	do	353.10
22	Richard S. Enlay	Salary	13.65 24.73
22	W. W. Cobev	Traveling expenses	28.75
24	Barber & Ross	Scissors, etc.	28.75 6.05
	J. G. Holmes Lewis W. Ayer Richard S. Epley W. W. Cobey Barber & Ross Harrison Manufacturing Co. The Geo. W. Knox Express Co. Mackall Bros. Torsion Balance Co. Jno. Underwood & Co. Union Envelope Co. J. A. Drake Missouri Pacific Rwy. Co. Southern California Rwy. Co. F. G. Nolte E. B. Adams Co. Frederick Carl	Stills	15 00
	The Geo. W. Knox Express Co	Transportation	2.67 13.45
	Torsion Relence Co	Scales	45.00
	Jno. Underwood & Co.	Carbon paper	4. (0)
	Union Envelope Co	Envelopes	13.90 67.00
25	J. A. Drake	Salary	67.00
26	Missouri Pacific Rwy. Co	Passenger transportation	26.90 77.45
28	F. G. Nolte	Panering	24.00
29	E. B. Adams Co.	Papering Metal polish Laboratory apparatus Phosphorus	1.00
	Frederick Carl Eimer & Amend	Laboratory apparatus	18.50
			1. 13 12. 25
	Washington Pwy and Floatric Co	Cortickets	6.00
	F. L. Niehols	Rubber cell	5, 50
31	Andrus & Church	Cross-section paper	3, 20 3, 50
	R. S. Epley. Washington Rwy. and Electric Co F. L. Nichols Andrus & Church. Fred. A. Schmidtdo.	Traveling expenses Car tickets Rubber cell Cross-section paper Rubber	3, 50
	do	Mucilage	2.00 1.50
			51
	E. G. Schäfer & Co. D. A. Tower	Pencil holders	. 51 5. 52
	Lewis W. Ayer	Salary	102, 20
	Orla L. Ayrs	do	85, 20 85, 20
	H. H. Bennett	do	85. 20
	James D. Butler	do	51.10 85.20
	Jay A. Bonsteel	do	212,90
	F. E. Bonsteel.	do	102, 20
	D. A. Tower Lewis W. Ayer Orla L. Ayrs. H. H. Bennett James D. Butler H. L. Belden Jay A. Bonsteel F. E. Bonsteel J. C. Britton M. Engl Corr	do	85, 20
	M. Earl Carr.	do	85, 20 85, 20
	H. A. Clark	do	50.00
	W. W. Cobey	do	127.70
	W. T. Carter, jr	do	127.70 85.20 102.20
	Thos. A. Caine	do	102, 20
	J. A. Drake	do	71.50 85.20
	Richard S Enlay	do	51.10
	J. C. Britton. M. Earl Carr E. P. Carr H. A. Clark W. W. Cobey W. T. Carter, jr Thos. A. Caine J. A. Drake C. W. Ely Richard S. Epley Elmer O. Fippin Lewis Griswold A. M. Griffen	do	119, 20
	Lewis Griswold	do	85.20
			85.20

Dat	te.	Name.	Nature of payment.	Total.
190	14.	W. J. Geib. W. W. Green. W. E. Hearn G. B. Jones. A. E. Kocher W. H. Knox W. S. Lyman Macy H. Lapham Geo. B. Massey E. H. Mathewson W. E. McLendon F. N. Meeker J. O. Martin A. W. Mangum W. W. Mackie Otto Olson F. R. Reed Harry Rich Thos. D. Rice La Mott Ruhlen A. S. Root J. B. Stewart		
Mar.	31	W. J. Geib	Salary	\$85.20 51.10 102.20
		W. W. Green	do	51, 10
		W. E. Hearn.	do	85.20
		A. E. Kocher	do	85. 20 85. 20 102. 20
		W. H. Knox	do	102, 20
		W. S. Lyman	do	85, 20
		Macy H. Lapham	do	136.30 153.30 127.70
		E. H. Mathewson	do	127. 70
		W. E. McLendon	do	85. 20
		F. N. Meeker	do	85. 20 102. 20 102. 20
		J. O. Martin	do	102.20
		A. W. Mangum	do	85.20
		Otto Olson	do	71.50
		F. R. Reed	do	71.50 71.50
		Harry Rich	do	85.20
		Thos. D. Rice	do	102.20
		La Mott Runlen	do	85, 20
		J. B. Stewart	do	102.20 85.20 85.20 127.70
		A. T. Strahorn	do	
		A. T. Sweet	do	71.50
		J. B. Stewart A. T. Strahorn A. T. Sweet Addison H. Snyder Walter C. Taber W. J. Wood Henry Weinberg Thos. H. Means W. M. Hinson F. H. King et al	do	71, 50 85, 20
		Walter C. Taber	do	85.20
		W. J. W 000.		66.40 102.20 212.90
		Thos. H. Means	do	212.90
		W. M. Hinson	do	170.30
		F. H. King et al	Salaries	170.30 4,147.99
		Total, third quarter		41,886.30
Apr	4	Rudolph Boss	Salary	61.30
P-	-	Jav F. Warner	do	85. 20
		L. C. Holmes	do	85, 20
	6	Rudolph Boss Jay F. Warner L. C. Holmes C. N. Mooney H. W. Marean Geo. B. Massey L. W. Ayer Estate of John C. Parker Francis Miller W. G. Smith Whitall, Tatum Co	Traveling expenses	8.30 15.80
	- 1	H. W. Marean	00	15.80
		L. W. Aver	do	20.50
	9	Estate of John C. Parker	File boxes, etc.	7.65
		Francis Miller	Oil	. 46 160. 75
	10	W. G. Smith	Traveling expenses	160.75
	12	Wintall, Tatum Co.	Bottles	4.90 2.50
	18	Postal Telegraph-Cable Co	Telegraph service	2. 10
	19	Chas. W. Elv.	Traveling expenses	185, 26
		F. E. Bonsteel.	do	136, 95
		F. Bennett, jr.	do	111.54
		Lewis W. Ayer.	do	42.65
		A W Mangum	do	108 24
		Harry Rich	do	25. 17 108. 24 37. 15
		Thomas D. Rice	do	133.82
		W. G. Smith. Whitall, Tatum Co Standard Oil Co. Postal Telegraph-Cable Co. Chas. W. Ely. F. E. Bonsteel F. Bennett, jr Lewis W. Ayer J. E. Lapham A. W. Mangum Harry Rich Thomas D. Rice Jay F. Warner Thos. A. Caine. Chas. A. Jensen	do	64.50 165.56
		Chag A Tangan	do	165.56
		F H Mathawson	do	26.75
	20	Chas. A. Jensen E. H. Mathewson Chesapeake and Ohio Rwy. Co. Cleveland, Cincinnati, Chicago and St. Louis	Passenger transportation	42. 61 39. 20 49. 39
		Cleveland, Cincinnati, Chicago and St. Louis	do	49.39
		Rwy.		
		Nachvilla Chattanaga - d Ct I - via D D	do	11.75 7.20
		Pennsylvania R. P. Co.	do	7. 20 10. 00
		J. C. Britton	Traveling expenses	29. 35
		W. T. Carter.	do	141.10
		George N. Coffey	do	141.10 22.84
		W. H. Heileman	do	58, 95 137, 99
		Rwydo	do	137.99
		Thos. H. Means	do	259.45 96.26
		W. E. Hearn	do.	155, 84
	21	W. E. Hearn W. H. Knox.	do	155. 84 83. 28 5. 50
	20	Macy H. Lapham	do	5.50
	22	W. M. HINSON	do	191.65
	23	Fred. S. Gichner	Wire baskets	228.55 45.00
		Macy H. Lapham W. M. Hinson H. J. Wilder Fred. S. Gichner Elmer O. Fippin R. P. Andrews & Co	Traveling expenses	140.29
	25	R. P. Andrews & Co	Paste	3.52

SOIL INVESTIGATIONS—Continued.			
Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 25	R. P. Clarke Co. M. Du Perow Delano & Moore	Toweling. Electrical supplies Photo supplies Engage at the	\$12.00 12.63
	M. Du Perow.	Electrical supplies	12.63
	Z. D. Gilman	Funnels, etc.	14.40 24.83
	Harvard Laundry Co.	Funnels, etc. Laundry work Repairs to engine	4.89 12.80
	C. J. McCubbin Co	Repairs to engine	12.80
	McCauley & McGill	Tube gas.	2,50
	Delano & Moore Z. D. Gilman Harvard Laundry Co C. J. McCubbin Co L. P. Menchine McCauley & McGill F. G. Nolte Potomae Electric Power Co	Asbestos covering Tube gas Plastering, etc. Electric current	6.88 2.50 15.00
	Potomac Electric Power Co	Electric current	21 61
	Remington Typewriter Co.	do. Ribbons, etc.	96.72 4.20
	F. A. Schmidt.	Triangles	4.20
	James S. Tonham	Catches	14.25 3.30
	Potomae Electrie Power Codo.  Remington Typewriter Co F. A. Schmidtdo James S. Topham. Woodward & Lothrop. J. Ross Collins. Eimer & Amenddodododo	Pencils Catches Desk and soap	19.80
	J. Ross Collins	Bags	45.00
	do do	Weights Chemicals	7. 80 20. 85
	do	do	3.00
	do. Eberhard Faber Emil Greiner	do	10.05
	Emil Greiner	Pipettes.	12.40 5.20
	Emil Greiner Library Bureau Queen & Co. (Incorporated) The Sternberg Manufacturing Co. The Torsion Balance Co. Whitall, Tatum Co. C. H. Stoelting Co. J. O. Martin National Electrical Supply Co. Cincinnati Northern R. R. Co. Cleveland, Cincinnati, Chicago and St. Louis R. R.	Cases, etc. Paraffin. Sprinkler, etc. Scales. Pattles	16, 51
	The Sternberg Manufacturing Co	Paramn Sprinkler etc	20.00
	The Torsion Balance Co.	Scales	45.00
	Whitall, Tatum Co.	Bottles Tripod bases, etc. Traveling expenses	32.50
	U. H. Stoelting Co.	Tripod bases, etc	8.40 156.14
27	National Electrical Supply Co	Electrical supplies	3.45
28	Cincinnati Northern R. R. Co.	Passenger transportation	14.00
	R. R.	do	26.65
	Chicago, Milwaukee and St. Paul R. R	do	61.63
	Alabama Great Southern R. R.	do	29.90 12.80
	Wm. H. Rupp	Ink	1.50
	Mackall Bros	Flasks, etc.	1.50 6.74 12.94
	W. B. Moses & Sons	Wire fence	12.94
'	F. E. Myers & Bro.	Pumps	1.50 27.00
	Mallinckrodt Chemical Works	Chemicals	13.05 6.80
	Pennsylvania R. R.	do	190.80
	Southern R. R. Co.	do	83.40 129.00
	Seaboard Air Line R. R.	Traveling expenses	129.00
30	Orla L. Ayrs	Salary.	8.86 82.40 98.90
	L. W. Ayer.	do	98.90
	H. H. Bennett	do	98.90 82.40
	H. L. Belden	do	82.40 82.40
	James D. Butler	do	49.50 98.90
	Jay A. Bonsteel	do	206.00 59.30
	Cleveland, Cincinnati, Chicago and St. Louis R. R. Chicago, Milwaukee and St. Paul R. R. Alabama Great Southern R. R. Atlantic Coast Line R. R. Wm. H. Rupp. Mackall Bros W. B. Moses & Sons. P. H. Heiskell, jr., & Co F. E. Myers & Bro. Mallinckrodt Chemical Works International and Great Northern R. R. Pennsylvania R. R. Southern R. R. Co. Seaboard Air Line R. R. H. W. Marean Orla L. Ayrs L. W. Ayer R. T. Avon Burke H. H. Bennett H. L. Belden James D. Butler F. E. Bonsteel Jay A. Bonsteel Rudolph Boss J. L. Burgess J. C. Britton J. O. Belz M. Earl Carr E. P. Carr H. A. Clark W. W. Cobey W. T. Carter, jr Thos. A. Caine C. L. Cooke J. A. Drake Chas, W. Ely Richard S. Epley Elmer O. Fippin A. M. Griffen L. Griswold W. J. Geib W. W. Green W. M. Hinson J. C. Hogensen L. Carl Holmes W. E. Hearn G. B. Jones	do	59.30
	J. C. Britton	do	82.40 82.40
	J. O. Belz	do	82.40 115.40
	M. Earl Carr	do	82.40
	H. A. Clark	do	82.40 50.00
	W. W. Cobey	do	123.60
	W. T. Carter, jr	do	82.40 98.90
	C. L. Cooke	do	82.40
	J. A. Drake	do	69. 20
	Richard S. Epley	do	82.40 49.50
	Elmer O. Fippin	do	115.40
	A. M. Griffen	do	82.40 52.20
	W. J. Geib	do	82.40
	W. W. Green	do	49.50
3	W. M. Hinson	dodo.	164.80 98.90
	L. Carl Holmes	do	82. 40 98. 90
	W. E. Hearn	do	98. 90 82. 40
-	G. B. Jones	do	82.40

Date		Name.	Nature of payment.	Total.
1904.		A. E. Kocher W. H. Knox W. S. Lyman Lawrence A. Kolbe M. H. Lapham J. E. Lapham T. H. Means E. H. Mathews W. E. McLendon Geo. B. Massey F. N. Meeker J. O. Martin W. W. Mackie C. N. Mooney A. W. Mangum N. P. Neill Otto Olson Harry Rich Thos. D. Rice A. S. Root La Mott Ruhlen J. B. Stewart A. T. Strahorn F. D. Stevens F. C. Schroeder A. T. Sweet Addison H. Snyder Walter C. Taber W. E. Thorp Jay F. Warner W. J. Wood Henry Weinberg Henry J. Wider Marcus L. Floyd F. H. King et al. W. E. McLendon C. W. Dorsey Whitall, Tatum Co Nagle Engine Boller Works Francis Miller Remington Typewriter Co do D. F. Starr & Co L. F. Knort Apparatus Co W. & L. E. Gurley do D. E. F. Starr & Co L. F. Karrer C. Emri & Amend J. E. Lapham H. J. Wilder The Trasse Co Eimer & Amend J. E. Lapham H. J. Wilder J. F. Lapham H. J. Wilder		
pr. 3	30	A. E. Kocher	Salary	\$82. 98.
		W H. Knox.	do	98.
		W. S. Lyman	do	82. 82.
		M. H. Lapham	do	131.
		J. E. Lapham	do	131. 115.
	1	T. H. Means	do	206.
		E. H. Mathews	do	123. 82.
		W. E. McLendon	do	82. 148.
		F. N. Meeker	do	82.
	- 1	J. O. Martin	do	82. 98.
		W. W. Mackie	do	82.
		C. N. Mooney	do	98.
	1	A. W. Mangum	00	98. 82.
	1	Otto Olson	do	69.
		Harry Rich.	do	82. 98.
		Thos. D. Rice	do	98.
		A. S. Root	do	82.
	1	La Mott Runlen	do	82.
		A T Strahorn	do	123. 82.
		F. D. Stevens	do	98.
		F. C. Schroeder	do	82. 69.
		A. T. Sweet	do	69.
		Addison H. Snyder	do	82. 82.
		W E Thorn	do	82.
		Jav F. Warner	do	82.
		W. J. Wood	do	64. 98.
		Henry Weinberg	do	98.
		Henry J. Wilder	do	98. 156.
		F H King et al	Salaries	3. 102.
ay	3	W. E. McLendon	Traveling expenses	18.
		C. W. Dorsey	do	3, 102. 18. 9.
	6	Whitall, Tatum Co	Bottles	7. 9.
		Nagle Engine Boiler Works	Grate bars	9.
		Remington Typewriter Co	Typewriter	2. 92.
		do	Ribbons	92. 2. 7. 14. 4.
		B. F. Starr & Co	Bolting cloth	7.
		L. E. Knott Apparatus Co	Fasteners	14.
		W. & L. E. Gurley	Screws	43.
		Emil Greiner	Plane table, etc. Stoppers. Blow pipe, etc. Bellows. Cylinders. Traveling expenses.	15.
		The Trasse Co.	Blow pipe, etc.	6.
		Eimer & Amend	Bellows	5.
	-	do	Cylinders	5. 7. 79.
	7	J. E. Lapnam	Traveling expenses	117.
		E. H. Mathewson	do	20.
		GeoB. Massey	do	41. 10.
		Harry Rich	do	10.
-	$\frac{9}{12}$	Eimer & Amend. do. J. E. Lapham H. J. Wilder. E. H. Mathewson GeoB. Massey Harry Rich F. R. Reid J. Bishop & Co The Weems Steamboat Co. E. G. Schafer & Co.	do	69.
1	12	The Weems Steemhoat Co	Crucibles. Freight charges. Plumbers' supplies. Lubricators, etc Squares, etc	55. 1.
1	13	The Weelins Steamfood Co. Thos. Somerville & Sons. Fred. A. Schmidt. Z. D. Gilman. Washington Gaslight Co. do. Western Union Telegraph Co. Fred. Carl	Plumbers' supplies	6
		Thos. Somerville & Sons.	Lubricators, etc.	6. 7. 7.
		Fred. A. Schmidt	Squares, etc	7.
		Z. D. Gilman	Labels	1.
		wasnington Gasught Co	Gas. do Telegraph service.	22. 14.
		Western Union Telegraph Co	Telegraph service	34.
		Tred. Carl The Chesapeake and Potomac Telephone Co. The Geo. W. Knox Express Co. Blue Line Transfer Co. District of Columbia Paper Manufacturing Co Densmore Typewriter Co. Jas. B. Lambie Co. G. N. Coffey. Atlantic Coast Line R. R. Co.	Filter pump	20.
		The Chesapeake and Potomac Telephone Co.	Filter pump Telephone service Transportation	6. 6.
		The Geo. W. Knox Express Co	Transportation	6.
		District of Columbia Paper Manufacturing Co	Rlotting namer	1. 2.
		Densmore Typewriter Co	Repairs	
		Jas. B. Lambie Co	Sheet copper	1.
7	17	G. N. Coffey	Traveling expenses	103.
1	18	Atlantic Coast Line R. R. Co.	Passenger transportation	22.
		Unicago and Northwestern R. R. Co	do	11.
		The Geo. W. Knox Express Co. Blue Line Transfer Co. District of Columbia Paper Manufacturing Co Densmore Typewriter Co. Jas. B. Lambie Co. G. N. Coffey. Atlantic Coast Line R. R. Co. Chicago and Northwestern R. R. Co. Union Pacific R. R. Co. Illinois Central R. R. The Western Rwy. of Alabama. Mobile and Ohio R. R. Co. Houston East and West Texas Rwy.	do	27. 28.
		The Western Rwy. of Alabama	do	10.
		Mobile and Ohio R. R. Co	do	20. 75.

Date.	Name.	Nature of payment.	Tot
1904	·		
ay 19	J. O. Belz. W. H. Heileman F. E. Bonsteel	Traveling expenses	\$1
	W. H. Heileman	do	1
20	F. E. Bonsteel C. A. Jensen	do	1
	C. A. Jensen W. M. Hinson Jay F. Warner F. Bennett, jr. W. T. Carter, jr. T. H. Means M. H. Lapham W. H. Knox J. C. Britton W. W. Cobey L. C. Holmes G. T. McNess Chas. W. Ely C. N. Mooney Marcus L. Floyd C. Becker J. O. Martin James A. Crotty James E. Byron	do	1
	Jay F. Warner	do	1
	F. Bennett, jr.	do	1
21	W. T. Carter, jr	do	1 1 1
	T. H. Means	do	1
23	M. H. Lapnam	do	1
20	J. C. Britton	do	1
	W. W. Cobey	do	
	L. C. Holmes	do	1
0.4	G. T. McNess	do	
24 25	C. N. Mooney	00	1
25	Marcus I. Floyd	do	1
26	C. Becker	Trunk	
27	J. O. Martin	Traveling expenses	1
31	James A. Crotty	Salary	
	James E. Byron.	do	
1	F. H. King et al.	Salaries	3,2
ine 1	James E. Byron F. H. King et al T. H. Means J. E. Lapham	Salary	1
	M. H. Lanham	do	î
	J. E. Lapham M. H. Lapham W. S. Lyman L. A. Kolbe W. H. Knox A. E. Kocher L. C. Holmes	do	1
	L. A. Kolbe	do	
	W. H. Knox	do	1
	A. E. Kocher	do	
	W. M. Hinson	do	
	W. W. Green	do	1
	W. J. Geib	do	
	A. M. Griffen	do	2
	M. L. Floyd.	do	2
	Richard S. Epley	do	
	I. A. Droko	do	
	C. L. Cooke	do	
	W. M. Hinson W. W. Green W. J. Geib. A. M. Griffen M. L. Floyd Richard S. Epley Chas. W. Ely J. A. Drake C. L. Cooke T. A. Caine W. T. Carter, jr W. W. Cobey H. A. Clark E. P. Carr	do	1
	W. T. Carter, jr	do	10
	W. W. Cobey	do	
	H. A. Clark	do	1
	E. P. Carr M. E. Carr J. C. Britton J. L. Burgess Rudolph Boss J. A. Bonsteel	do	8
	J. C. Britton	do	è
	J. L. Burgess	do	
	Rudolph Boss	do	
	J. A. Bonsteel	do	2
	J. D. Butler F. E. Bonsteel	do	10
	J. D. Butler F. E. Bonsteel H. L. Belden H. H. Bennett R. T. Avon Burke Lewis W. Ayer Orla L. Ayrs W. E. Tharp A. W. Mangum C. N. Mooney W. W. Mackie J. O. Martin F. N. Meeker G. B. Massey E. H. Mathewson W. E. McLendon T. D. Rice Harry Rich Otto Olson N. P. Neill A. H. Snyder A. T. Streven L. R. Streven L. R	do	10
	H. H. Bennett	do	
	R. T. Avon Burke	do	10
	Lewis W. Ayer.	do	10
	UTIA L. AYIS.	do	
	A. W. Mangum	do	16
	C. N. Mooney	do	10
	W. W. Mackie	do	
	J. O. Martin	do	10
	F. N. Meeker	00	1
	F H Mathewson	do	1. 1.
	W. E. McLendon	-do	(
	T. D. Rice	do	10
	Harry Rich	do	10
	Otto Olson	do	
	N. F. Nelll	do	-
	A. H. Shyder	do	
	F. D. Stevens	do	16
	A. T. Strahorn J. B. Stewart L. M. Ruhlen A. S. Root. G. B. Jones H. J. Wilder H. Weinberg.	do	15
	J. B. Stewart	do	12
	L. M. Ruhlen	do	8
	A. S. Root.	00	8
	H I Wilder	do	10
	11. 0. W HOEL		10

Date.	Name.	Nature of payment.	Total.
1904.	W. J. Wood Jay F. Warner W. C. Taber F. C. Schroeder. W. E. Hearn E. O. Fippin J. C. Hogenson J. O. Belz E. O. Fippin W. E. Hearn G. B. Jones A. H. Snyder T. D. Rice A. W. Mangum T. H. Means W. G. Smith R. T. Avon Burke T. A. Caine Eimer & Amend Francis Miller		
une 1	W. J. Wood	Salary	\$66.40
	Jay F. Warner	do	85.20
	F. C. Schroeder	do	85. 20 85. 20 85. 20 102. 20 119. 20 102. 20
	W. E. Hearn	do	102.20
	E. O. Fippin	do	119.20
	J. C. Hogenson	do	102.20
	J. O. Belz.	Trovoling overoness	94.09
	W. E. Hearn	do	149.40
	G. B. Jones	do	129.54
	A. H. Snyder	do	115.61
	T. D. Rice	do	102.99
	A. W. Mangum	do	114.42 53.45
	W. G. Smith	qo.	159. 25
2	R. T. Avon Burke	do	128.17
	T. A. Caine	do	156.17
3	Eimer & Amend.	Chemicals	4.35
	Francis Miller. The Imperial Co.	Glass Bags	1.05 88.00
	Fmil Gainer	Bulb	6.00
	ndo Potomac Electric Power Co National Electric Supply Co The Torsion Balance Co	Rubber stoppers. Electric current.	7.50 1.29
	Potomac Electric Power Co	Electric current	1.29
	National Electric Supply Co	Fans	89.00
4	The Torsion Balance Co. The Geo. W. Knox Express Co. United States Express Co. Adams Express Co.	Scales Transportation do	30.00 6.86
	United States Express Co	do	53.93
	Adams Express Co	do	28 40
	do	do	128, 18
	J. H. Lane & Co	Fertilizer, etc	1, 153. 04 6. 00
6	Washington Railway and Electric Co	Tickets	6.00 8.03
0	Queen & Co	Card, etc Bottles	15.75
	do	do	9.45
	Remington Typewriter Co	Ribbons	2,75
	Hugh Reilly	Shellac	1.80
	do. J. H. Lane & Co. Washington Railway and Electric Co. National Electrical Supply Co. Queen & Co. do. Remington Typewriter Co. Hugh Reilly E. G. Schafer Woodward & Lothrop.	Couplings, etc.	2.73 5.34
	do	Sheeting	23.57
	Church & Stephenson do	Lumbon	
	do	do	4.00 82.20
	dododoPotomac Electric Power Co	dodo	200.50
	Potomac Electric Power Co	Electric current	20.15
	do. N. Saegmuner	Repairs to compasses	3.00 1.50
	Emil Greiner	Rubber stoppers, etc. Bottles Wire	14.15
	do. The Okonite Co. (Limited)	Bottles	10.67
	The Okonite Co. (Limited)	Wire	28.00
	Jno. Underwood		9.40
	Mackall Bros	Apparatus Chemicals Drill attachment, etc.	23.23 40.28
	Mallinckrodt Chemical Works Jas. B. Lambie & Co. (Incorporated)	Drill attachment, etc	6.80
	do	Screws, etc	8. 15
	W. & L. E. Gurley	Compasses	45.90
	Jas. B. Lambie & Co. (Incorporated)do W. & L. E. Gurley Eimer & Amend. Wm. H. Dyer Wm. Ballantyne & Sons. R. C. Ballantyne T. D. Rice. L. W. Ayer. Geo. B. Massey. Harry Rich A. H. Snyder Eberhard Faber Jas. A. Crotty. Jas. E. Byron R. Collins	Unemicals, etc	32.18 12.00
	Wm. Ballantyne & Sons	Tags	9.04
	R. C. Ballantyne	Copying paper, etc	22.32
11	T. D. Rice	Traveling expenses	140.39
	L. W. Ayer	do	14.00
	Geo. B. Massey	do	35, 25
	A H Snyder	do	34.11 12.40
	Eberhard Faber	Erasers	2.88
15	Jas. A. Crotty	Services	52.00 22.20
	Jas. E. Byron	do	22.20
	R. Collins	do	25.00
	M H Lapham	Traveling expenses	127 25
	W. H. Heileman	do	27.44 187.35 73.15
	R. T. Avon Burke	do	104.98
	Geo. T. McNess	do	63.15
	E. H. Mathewson	do	47.48
	C. W. Dorsey	00	36.67 86.30
	G. N. Coffey	do	109.94
	Jas. E. Byron R. Collins J. C. Britton M. H. Lapham W. H. Heileman R. T. Avon Burke Geo. T. McNess E. H. Mathewson L. Carl Holmes C. W. Dorsey G. N. Coffey H. W. Marean C. A. Jensen W. G. Smith	do	152.57
	C. A. Jensen	do	130.05
	W. G. Smith	do	149.25

Date.	Name.	Nature of payment.	Total
1904.			
une 15	F. Bennett, jr. F. E. Bonsteel. W. E. Hearn G. B. Jones J. E. Lapham C. N. Mooney J. O. Martin	Traveling expenses	\$122
4.0	F. E. Bonsteel	do	145 148
16	W. E. Hearn	do	148
	I F Lanham	do	126
	C. N. Mooney	do	114
	J. O. Martin	do	126 114 139
17	H. J. Wilder. W. M. Hinson C. W. Ely L. W. Ayer	do	
	W. M. Hinson	do	223 12 22
	C. W. Ely.		12
	L. W. Ayer T. A. Caine A. W. Mangum W. T. Carter, jr W. & L. E. Gurley J. Baumgarten & Sons	do	138
	A. W. Mangum	do	138 116
	W. T. Carter, jr	do	101
20	W. & L. E. Gurley	Scales	4
	J. Baumgarten & Sons	Pad	1.4
	J. Bishop & Co. J. H. Bunnell & Co.	Remaking disnes, etc	14 30
	S H Davie & Co	Repairs to adometers	6
	M. Du Perow	Cut-outs, etc.	21
	John C. Parker	Pins, etc	21 14 9
	D. F. Parker	Paper	9
	M. Du Perow John C. Parker D. F. Parker Rudolph, West & Co. Rudolph. West & Co. Potomae Electric Power Co.	Paper Emery cloth Brads, etc Lamps	19
	Rudolph, West & Co	Lamps	22
			13
	Mackall Bros. Geo. F. Muth & Co.	Filters etc	52
	Geo. F. Muth & Co	Lead, etc	13
	Library Bureau Jas. B. Lambie Co. (Incorporated)	Case and trays	13
	Jas. B. Lambie Co. (Incorporated)	Label, plates, etc	17
	Jas. B. Lamble Co. (Interpolated) Emil Geiner McCauley & McGill Francis Miller. F. A. Schmidt E. R. Squibb & Sons Hugh Reilly Washington Gas Light Co.	Label, plates, etc. Repairs to pump. Gas, etc. Glass. Pencils, etc. Litmus paper. Gho.	2
	Francis Miller	Glass	4
	F. A. Schmidt	Pencils, etc.	4.5
	E. R. Squibb & Sons	Litmus paper	2 3 12
	Hugh Reilly	Glue	3
	Washington Gas Light Co	Gas.	12
	Woodward & Lothrop	Chairs, etc. Beakers, etc. Tube, etc. Traveling expenses	32 21
	Thos Somerville & Sons	Tube etc	. 11
21	W. H. Knox	Traveling expenses	23
22	W. W. Cobey	do	
25	J. Garnett Holmes	do	54
0.7	J. F. Warner	do	54 6 132
27	E. O. Fippin	dodo	68
30	E A Gstolder	Salary	68 46
00	R. Collins	do	35
	H. L. Skidmore	do	6
	J. A. Cratty	do	50
	J. E. Byron	Calada	3,600
	Woodward & Lothrop Whitall Tatum Co. Thos. Somerville & Sons. W. H. Knox. W. W. Cobey J. Garnett Holmes J. F. Warner E. O. Fippin Jas. L. Burgess E. A. Gstolder R. Collins H. L. Skidmore J. A. Cratty J. E. Byron F. H. King et al.	Salaries	3,000
	Total, fourth quarter		37,718
	Supplemental.		
uly 1	Jay F. Warner H. A. Clark W. J. Wood	Salary	82 50
	H. A. Clark	do	50
	W. J. Wood	do	64
	J. B. Stewart	do	123 98 98
	Lowis W Avor	do	98
	Orla L. Avrs	do	82
	J. L. Burgess	do	82 82
	E. P. Carr	do	82
	M. E. Carr	do	82 82
	W. I. Carter, Jr.	do	89
	W. J. Geib	do	82 82
	G. B. Jones	do	82
	W. J. Wood J. B. Stewart T. A. Calne Lewis W. Ayer Orla L. Ayrs J. L. Burgess E. P. Carr M. E. Carr W. T. Carter, jr C. W. Ely W. J. Gelb G. B. Jones A. E. Kocher W. W. Mackie F. N. Meeker A. S. Root L. M. Ruhlen	do	82
	W. W. Mackie	do	82
	F. N. Meeker.	do	82 82
	A. S. Root	do	82
	A. H. Snyder A. H. Snyder A. T. Strahorn L. A. Hurst	do	82
	A T Strohom	do	82
			82

Date.	Name.	Nature of payment.	Total.
	Supplemental-Continued.		
1904 1ly 1	H. S. Bennett Geo. B. Massey W. M. Hinson M. H. Lapham E. O. Fippin J. E. Lapham Henry J. Wilder R. T. Avon Burke	Colory	889
11y 1	Geo R Massey	do	\$82.4 148.3
	W. M. Hinson	do	164.8
	M. H. Lapham	do	164.8 131.9
	E. O. Fippin	do	115.4
	J. E. Lapham	do	115.4 98.9
	R T Avon Burke	do	98.9
	T. D. Rice.	do	98.9
	T. D. Rice C. N. Mooney A. W. Mangum W. H. Knox	do	98.9 98.9
	A. W. Mangum	do	98.9
	W. H. Knox	do	98.9
	W. E. Hearn.	do	98.9
	W. E. Hearn F. E. Bonsteel J. A. Drake	do	98.9 69.5
	R S Enley	do	49.
	M. L. Floyd W. C. Taber W. E. Tharp	do	247.5 82.4
	W. C. Taber	do	82.4
	W. E. Tharp.	00	82.4
	James D. Bûtler	do	49.3 59.3
	R. Boss W. W. Green	do	49.
	Otto Olson	do	69.5
	I C Pritton	do	82.4
	A. M. Griffen	do	82.4
	A. M. Griffen N. P. Neill Jay A. Bonsteel	do	82. 4 206. 0
	L. A. Kolbe.	do	82.4
	C. L. Cooke.	do	82.
	C. L. Cooke W. E. McLendon	do	82.4
	Harry Rich	do	82.
	A. T. Sweet H. L. Belden	do	69.5 82.4
	I. C. Holmos	dodo	82.4
	L. C. Holmes W. S. Lyman F. C. Schroeder F. D. Stevens	do	82.
	F. C. Schroeder.	do	82. 4 98. 9
	F. D. Stevens	do	98.
			. 98.9
	F. H. Mathewson. Henry Weinberg W. W. Cobey. J. G. Holmes	do	123. ( 98. 9
	W W Cobey	dodo	123.0
2	J. G. Holmes	do	19 '
_	F. R. Reid	do	69.
5	J. O. Belz.	Traveling expenses	34.0
7	J. G. Holmes F. R. Reid J. O. Belz Church & Stephenson J. C. Britton F. K. Cameron G. B. Massey Delano & Moore L. W. Ayer W. H. Heileman E. H. Mathewson G. T. McNess	Lumber	204.
11	F V Comoron	Traveling expenses	24.0
	G. B. Massey	do	23. 116.
14	Delano & Moore	Photo supplies, etc	9.
15	L. W. Ayer	Traveling expenses	12.0
	W. H. Heileman	do	56.0
	E. H. Mathewson	do	30.9
	G. T. McNess	do	67.3 26.
	Harry Rich J. B. Stewart	do	54.
18	R. T. Avon Burke	do	132.0
	F E Bonsteel	do	119 5
	C. W. Ely M. L. Floyd	do	52. 129. 8.
	L. C. Holmes	dodo	129.
	J. G. Holmes	do	54.
	J. G. Holmes G. B. Jones	do	124.
	A. W. Mangum H. W. Marean	do	84.
	H. W. Marean	do	118.
	F. R. Reid J. F. Warner Z. D. Gilman	do	53.
	Z. D. Gilman	Chemicals	25. 27.
	do	Flasks, etc.	11.
	W. B. Moses & Sons.	File case, etc	508.
	do. W. B. Moses & Sons Potomac Electric Power Co.	Flasks, etc File case, etc Electric current	508,
	Washington Cas Tiple Ca	do	8.
	Washington Gas Light Co	Tolograph sorvice	13.
19	W. T Carter ir	Traveling expenses	7. 143.
13	W. W. Cobey	do	139.
	Potomac Electric Power Codo. do. Washington Gas Light Co. Western Union Telegraph Co W. T. Carter, jr. W. W. Cobey Geo. N. Coffey. E. O. Fippin W. E. Hearn Chas. A. Jensen.	do	48.
	E. O. Fippin	do	96.
		d -	91.

## $Expenditures\ of\ the\ Department\ of\ Agriculture\ \emph{for}\ fiscal\ year\ ending\ June\ 30,\ 1904-Cont'd.$

Date.	Name.	Nature of payment.	Total
	Supplemental—Continued.		
1904. ıly 19	W. H. Knox.	Traveling expenses	651
11 y 10	J. E. Lapham	do	\$31. 110.
	J. O. Martin	do	152
	T. D. Rice. W. G. Smith.	]do	141 159
	J. H. Bunnell & Co	Electric supplies	159
	S. H. Davis & Co	Odometers	45
	Eimer & Amend Emil Greiner	Filter pumps, etc	29 17
	Henry Heil Chemical Co.	Tubing	7 2
	do	Chemicals, etc	2
	J. I. Holcomb	Glass tubing Brushes	1
	Geo. W. Miller	Paper	21
	The Okonite Co. (Limited)	do	17
	The Okonite Co. (Limited)do	Wiredo.	4
	Pratt & Whitney Co.	Apparatus	215 215
	Queen & Co. (Incorporated)	Chemicals	19
	do C. H. Stoelting Co	do. Screens.	12
	do.	Clamps	11
	do	Rubber rods	10
	A. H. Thomas Codo	Flasks Blast lamps, etc	7
	A. L. Webb & Sons	Alcohol	22
	Whitall-Tatum Co	Beakers, etc	30
	do Yawman & Erbe Manufacturing Co	Flasks Cases	1 8
20	Frank Bennett, jr	Traveling expenses	139
	T. A. Caine	do	152
	C. W. Dorsey N. M. Hinson	do	101 306
	M. H. Lapham	do	108
	C. N. Mooney	do	145
	H. J. Wilder Wm. F. Bowen		144 36
	R. C. M. Burton & Son	Canvas	7
	Frederick Carl	Repairs, etc	4
	The Chesapeake and Potomac Telephone Co. Densmore Typewriter Co.	Telephone service	1
	C. R. Edmonston	Bougies, etc.	82
	Frosberg & Murray	Pump Transportation Couch and chairs	98
	Geo. W. Knox Express Co. Julius Lansburg	Couch and chairs	63
	Magizall Pros	Flogica	98
	Francis Miller	Oil, etc	11
	Rudolph, West & Co	Gas tubeLocks	26
	Wm. H. Rupp Co	Note books, etc	11
	Hugh Reilly	Shellac	8 1
	Francis Miller McCauley & McGill Rudolph, West & Co Wm. H. Rupp Co Hugh Reilly Standard Oil Co E. G. Schafer & Co	Oil. Plumber's material	61
			1
	do F. A. Schmidt	Globe valve	15 15
	do	Dotting pens Drawing paper, etc.	84
	J. Geo. Smith	Pennolders	1
	Geo. W. Spier Thos. Somerville & Sons	Clock Threads, etc	75
	Ldo	Tubing, etc	3
	Washington Railway and Electric Co	Car tickets	295
	Woodward & Lothrop Geo. W. Spier	Desks, etc	298
23	Geo. W. Spier F. E. Bonsteel	Clock Traveling expenses	11
	J. L. Burgess	dodo	93
	Pennsylvania R. R. Co.	Passenger transportation	105
	J. L. Burgess M. L. Floyd Pennsylvania R. R. Co	do	19
	do	do	52 31
	Southern Rwy, Co	do	84
	do	do	15
	Washington Southern Dawy Co	do	60 15
26	dododododododowashington Southern Rwy. Cod. G. RiceJ. F. Crandall Texas and New Orleans R. R. CoHouston and Texas Central R. R. Co	Expenses	4
	J. E. Crandall	Installing electric light, etc	4 55
30	Texas and New Orleans R. R. Co	Passenger transportation	37 12

Date   Name   Nature of payment   Total	SOIL INVESTIGATIONS—Continued.			
1994.   Ann Arbor R. R. Co.   New York Central and Hudson River R. R.   do.   22, 30	Date.	Name.	Nature of payment.	Total.
Aug. 2   M. L. Floyd.   Passenger transportation   37, 20		Supplemental—Continued.		
Aug. 2   M. L. Floyd.   Passenger transportation   37, 20		Ann Arbor R. R. Co.	Passenger transportation	\$15,20
Aug. 2   M. L. Floyd.   Passenger transportation   37, 20		New York Central and Hudson River R. R	do	28 10
Aug. 2   M. L. Floyd.   Passenger transportation   37, 20		do.	do	13, 10
Aug. 2   M. L. Floyd.   Passenger transportation   37, 20		Northern Pacific Rwy. Co	do.	4.85 12.60
Aug. 2   M. L. Floyd.   Passenger transportation   37, 20		New Orleans and Northeastern R. R.	do	17.30
Aug. 2   M. L. Floyd.   Passenger transportation   37, 20		New York, New Haven and Hartford R. R. Co	do.	7. 55 17. 35
Aug. 2   M. L. Floyd.   Passenger transportation   37, 20		Atlantic Coast Line R. R. Co	do	51.80
Aug. 2   M. L. Floyd.   Passenger transportation   37, 20		Chesapeake and Ohio R. R. Co.	do.	28, 10
Aug. 2   M. L. Floyd.   Passenger transportation   37, 20		Chicago and Northwestern Rwy. Co	do	33.00
Aug. 2   M. L. Floyd.   Passenger transportation   37, 20		Maricopa and Phœnix and Salt River Valley	Freight	276.82
Louisville and Nashville R. R.		R. R. Co.	Passenger transportation	37, 20
E. G. Schafer & Co.   Ells.   3.63		Louisville and Nashville R. R.	do	44.35
E. G. Schafer & Co.   Ells.   3.63	Aug. 2	M. L. Floyd W. H. Heileman	Traveling expensesdo.	8.35
E. G. Schafer & Co.   Ells.   3.63	3	Jas. B. Lambie Co. (Incorporated)	Iron, etc	24.50
E. G. Schafer & Co.   Ells.   3.63		Delano & Moore	Solio paper	33.70
E. G. Schafer & Co.   Ells.   3.63		John C. Parker  National Electric Supply Co	Pads, etc	51 00
E. G. Schafer & Co.   Ells.   3.63		Mackall Bros	Flasks, etc.	27.09
E. G. Schafer & Co.   Ells.   3.63		Thos. Somerville & Sons.	Tank and pump	16.90
10   Western Union Telegraph Co	•	do	Lead tubing, etc	23.35
10   Western Union Telegraph Co	12	F. Bennett, jr.	Traveling expenses	9.64
10   Western Union Telegraph Co		M. H. Lapham E. H. Mathewson	do	
17	16	Western Union Telegraph Co.		9.65
Barber & Ross   Buckets, etc   11.05		Z. D. Gilman	Rubber tubing, etc.	60.00
22	17	Andrus & Church	Paper	1, 64
22		The Hartford Tobacco Association	Rent	2.00
22		The Geo. W. Knox Express Codo.	Freightdo.	1, 25
22		Geo. F. Muth & Co	White lead, etc	104.78
22		W. B. Page.	do	. 50
22		Jno. Sprott.	Rent.	5.00
22		O. H. Meinges	do	20.00
22	18	H. C. Babcock	Rent.	100.00
22		The Torsion Balance Co	Desk stand Repairs to scales	8.75 1.30
22		Western Electric Co.	Electrolytic bridges	40.00
1. Martoney	22	B. C. Maroney	Land rent	5.50
Cleveland, Cincinnati, Chicago and St. Louis do 46.50	27	T. Maroney B. F. Bridges	Rent	
Cleveland, Cincinnati, Chicago and St. Louis do 46.50		U. S. Express Co	Transportation	8, 65
Cleveland, Cincinnati, Chicago and St. Louis do 46.50	19	Pacific Coast S. S. Co.	Passenger transportation	18.00
Cleveland, Cincinnati, Chicago and St. Louis do 46.50		Oregon Short Line R. R. Co	dodo.	17.40 28.95
Cleveland, Cincinnati, Chicago and St. Louis do 46.50		Chicago and Northwestern Rwy. Co	do	13.23
Cleveland, Cincinnati, Chicago and St. Louis do 46.50		Chicago and Alton Rwy. Co	do	7, 50
Cleveland, Cincinnati, Chicago and St. Louis do 46.50		The Atchison, Topeka and Santa Fe Rwy. Co. Pennsylvania Company	do	30.85 12.95
Cleveland, Cincinnati, Chicago and St. Louis do 46.50		Baltimore and Ohio R. R. Co	do	9.70
Cleveland, Cincinnati, Chicago and St. Louis do 46.50		The Pullman Co.	do	5, 50
Cleveland, Cincinnati, Chicago and St. Louis do 46.50		The Wabash R. R. Co	do	27. 65 38. 15
Cleveland, Cincinnati, Chicago and St. Louis do 46.50		Southern Rwy. Co.	do	26.10
Cleveland, Cincinnati, Chicago and St. Louis do 46.50		International and Great Northern R. R. Co.	do	3.40
Cleveland, Cincinnati, Chicago and St. Louis do 46.50		New York, New Haven and Hartford R. R. Co.	do	1.95
		Cleveland, Cincinnati, Chicago and St. Louis	do	46.50

Date.

 $Expenditures\ of\ the\ Department\ of\ Agriculture\ for\ fiscal\ year\ ending\ June\ 30,\ 1904-Cont'd.$ 

#### SOIL INVESTIGATIONS—Continued.

Nature of payment

Total

Date.	. Name.	Nature of payment.	Total.		
1904. Sept. 19	Supplemental—Continued.  Pittsburg, Cincinnati, Chicago and St Louis Rwy. Co. Northern Pacific Rwy. Co. do. do. Houston East and West Rwy. Co. Southern Pacific Co. do. Houston and Texas Central Rwy. Co. Louisville and Nashville R. R. Co. The Delaware and Hudson Co.	Passenger transportationdododo	40.00		
	Houston East and West Rwy. Co	do	7.30 116.60		
	do	do	288. 25		
	Houston and Texas Central Rwy. Co	do	44.45 73.19		
	The Delaware and Hudson Co	do	26.62		
20	Adams Express Co	Transportation	74.06		
	Adams Express Co. The Chesapeake and Potomac Telephone Co. Boston Gear Works.	Gear	8, 53 1, 75		
24	Church & Stephenson	Lumber	27.00		
26	Western Union Telegraph Co	Telegraph service	9.93 24.35		
20	Total				
RECAPITULATION.					
Total third quarter . 41,8 Total fourth quarter . 37,7			36, 286, 39 41, 886, 30 37, 718, 68		
Total su	ppiomental		10, 101.00		

#### PAID BY UNITED STATES TREASURY.

Date.	Name.	Nature of payment.	Total.
1903. Nov. 10	Southern Pacific Co	Passenger transportation	\$7.50
1904. Feb. 17	do		123.60
Apr. 14	Northern Pacific R. R. Co. Union Pacific R. R. Co.	do	3.65 42.15
Sept. 23	Union Pacific R. R. Co Southern Pacific Co	do	191.70 115.15 114.40
	Total		598.15

#### SPECIAL DISBURSING AGENT.

1903. Sept. 17 Nov. 13	Garrett Holmesdo.	\$2,000.00
1904	do	
	Total	2,715.50

#### SOIL INVESTIGATIONS—RENT

1903.			
	Jno. F. Shea	Rent. July	\$110,00
7	W. A. Brown	do	50.00
Sept. 11	Jno. F. Shea.	Rent, August	110.00
	W. A. Brown	do	50.00
	Total, first quarter		320,00
	Total, hist quarter		

Name.	Nature of payment.	Total.
Walter A. Browndo. Jno. F. Sheado. Walter A. Brown.	do Rent, October do Rent, November do	\$110,00 50,00 50,00 110,00 110,00 50,00
Walter A. Brown Jno. F. Shea W. A. Brown Jno. F. Shea	do Rent, January, 1904 do Rent, February	110.00 50.00 110.00 50.00 110.00 50.00
Jno. F. Shea. W. A. Brown Jno. F. Shea. W. A. Brown Jno. F. Shea.	Rent, MarchdoRent, Aprildododododododo	110.00 50.00 110.00 50.00 110.00 50.00 110.00 50.00
Supplemental. W. A. Brown Jno. F. Shea Total.	Rent, Junedo	50.00 110.00 160.00 1,920.00
	Jno. F. Shea. Walter A. Browndo. Jno. F. Sheado. Walter A. Brown.  Total, second quarter.  Jno. F. Shea. Walter A. Brown. Jno. F. Shea. W. A. Brown. Jno. F. Shea. W. A. Brown. Jno. F. Shea. W. A. Brown. Total, third quarter.  Jno. F. Shea. W. A. Brown. Total.  Supplemental. W. A. Brown. Jno. F. Shea.  W. A. Brown. Jno. F. Shea. Total.	Jno. F. Shea

#### ENTOMOLOGY.

1903.		·	
July 21	Jacob Kotinsky	Traveling expenses	\$34,87
25	Townsend-Barber Taxidermy and Zoo Co	Species of Coccidæ	21, 50
20	Morrill & Morley	Spray pump, etc	17.00
29	Morrill & Morley Adler Color & Chemical Works	Chemicals	8, 70
Aug. 1	A. L. Quaintance	Salary	134, 80
Aug. 1	E. S. G. Titus	do	100.00
3	W. D. Hunter.		189, 55
9	W. E. Hinds		126, 40
	G. H. Harris		125, 00
	A. W. Morrill		100,00
	W. F. Fiske.	do	50, 00
4	Theo. Pergande.	Traveling avnances	33.00
14	W. D. Hunter	do	153, 80
14	A. L. Quaintance.	do	80, 36
15	Ernest Betz	Lohole	8,00
17	Queen & Co. (Incorporated)	Paraffin	. 50
18	Z. D. Gilman	Chemicals	. 66
19	W. D. Hunter		43, 10
15	Warren E. Hinds	Traveling expenses	28, 00
	Henry Heil Chemical Co.	Pipettes	2,70
	Bausch & Lomb Optical Co	Field glass	3, 75
	do	Dissecting set, etc.	9.40
	Library Bureau	Cards.	11, 10
	American Entomological Co	Forceps, etc.	6, 40
	E. S. Peters	Hire of horse	15, 00
	Geo. H. Harris	Traveling expenses	19, 22
	A. W. Morrill		89, 98
20	Kny-Scheerer Co.		5, 00
20	Queen & Co. (Incorporated)	Chamicals	8.00
24	Jacob Kotinsky	Traveling evnenges	13, 11
26	F. C. Pratt.	do	64, 35
Sept. 1	E. S. G. Titus	Salary	100, 00
Dopt. 1	Geo. H. Harris		126, 40
E -	W. F. Fiske.	do	50.00
Lite .			00.00

Date.	Name.	Nature of payment.	Total.
1903.			
ep <b>t.</b> 1	Warren E. Hinds	. Salary	<b>\$126.</b>
•	A W Moneill	do	100.
	A. L. Quaintance. Walter D. Hunter E. A. Schwarz	do	134.
8	Walter D. Hunter	Traveling expenses	189. 11.
10	E. S. G. Titus	do	11.
16	E. S. G. Titus L. O. Howard G. W. Carver W. Knaus Houston and Texas Central R. R. Co. Southern Rwy. Co. New York, Texas and Mexican Rwy. Co. Georgia, Florida and Alabama Rwy. Co. Brentanos. Lamb & Tilden	do	62.
17	G. W. Carver	do	62. 56.
,	W. Knaus	Specimens of insects	10.
18 19	Houston and Texas Central R. R. Co	Passenger transportation	13. 35.
19	New York Tayes and Maxican Rwy Co	do	30. 94
	Georgia, Florida and Alabama Rwy, Co	do	24. 7.
21	Brentanos Lamb & Tilden Fred. A. Schmidt	Repairs to pen	5.
	Lamb & Tilden	Punch	5.
00	Fred. A. Schmidt	Wire	1.
22	A. W. MOTTIII	Traveling expenses	50.
	G. H. Harris	do	28. 19.
	W. D. Hunter	do	145.
	do	Expenses	56.
	Fred. A. Schmidt. A. W. Morrill W. E. Hinds G. H. Harris W. D. Hunterdo A. L. Quaintance.	do	26.
24	do do A. L. Quaintance do Library Bureau	do Traveling expenses Tin trays, etc Use of horse	78. *25.
24			15.
	E. S. Feters Z. D. Gilman Bausch & Lomb Optical Co. James S. Hine A. N. Candelldo. C. L. Marlatt et al	Chemicals	8.
	Bausch & Lomb Optical Co	Vials, etc	9. 124.
28	James S. Hine	Traveling expenses	124.
	A. N. Candell	do	192.
30	C. T. Maylett et al	Coloring	107. 1,586.
30	C. D. Mallatt et al	Sataties	1,000.
	Total, first quarter		5,051.
ct. 5	A. W. Morrill Geo. H. Harris	Salary	100.
	Geo. H. Harris	do	123. 183.
	W R. Fiske	do	50
	Walter D. Hunter W. F. Fiske Warren E. Hinds. A. L. Quaintance	do	50. 122.
	A. L. Quaintance	do	130.
6			100.
10	. do. Rudolph, West & Co. Fred. A. Schmidt.	Traveling expenses	25.
10 12	Fred A Schmidt	Shears Rules	1.
12	Fred. A. Schmat. Dulin & Martin Co. F. W. Bolgiano & Co. A. L. Quaintance. do. A. W. Morrill. Warren E. Hinds G. H. Harris. W. D. Hunter.	Jars.	6.
	F. W. Bolgiano & Co.	Bags	1
19	A. L. Quaintance	Traveling expenses	64.
	do	Bags Traveling expenses Expenses	43.
	A. W. Morrill	Traveling expenses	123.
	G H Harris	do	28. 19.
21	W. D. Hunter	Expenses.	48.
	do	Traveling expensesdodo ExpensesTraveling expenses	85.
-	Bausch & Lomb Optical Co	Lens. Pins.	3. 29.
22	American Entomological Co	Pins	29.
23	do.  Bausch & Lomb Optical Co.  American Entomological Co. Queen & Co. (Incorporated) Frank Benton.  American Cycle Manufacturing Co. W. G. Frowler. L. L. Laycock	Boxes. Traveling expenses Tire Use of horse	5. 90
20	American Cycle Manufacturing Co	Tire	30.
	W. G. Fowler	Use of horse.	90. 3. 10.
	L. L. Laycock	Rent.	30.
-00	J. F. McCann	Rent	48.
28 31	Mackall Bros.	Pagganger transpartation	1. 3.
91	Pennsylvania R. R. Co	do	25.
	do	do	9.
	New York, New Haven & Hudson R. R. Co	do	11.
	The Pullman Co.	do	21.
	New York, Texas and Mexican Rwy. Co	do	32.
	L. L. Laycock J. F. McCann. Mackall Bros. Southern California Rwy. Pennsylvania R. R. Co. do. New York, New Haven & Hudson R. R. Co. The Pullman Co. New York, Texas and Mexican Rwy. Co. do. Missouri, Kansas and Texas Rwy. Co. Galveston, Harrisburg and San Antonio Rwy. Co.	do	32. 14. 5. 13.
	Galveston Harrisburg and San Antonio	do	13
	Rwy. Co.		10.
	Houston and Texas Central R. R. Co	do	17.
	Pennsylvania R. R. Co	do	17. 75.
	L. O. Howard	Traveling expenses	12.
0.77	Houston and Texas Central R. R. Co.  Pennsylvania R. R. Co. L. O. Howard. C. L. Marlatt et al. E. S. G. Titus. G. H. Harris. W. D. Hunter.	Salaries	1,636.
ov. 2	C. U. Horrig	do.	100. 125.

Date.	Name.	Nature of payment.	Total.
1903.			
Nov. 2	A. L. Quaintance. Warren E. Hinds. A. W. Morrill Geo. W. Carver Warren E. Hinds Pope Manufacturing Co., Washington branch. Gustav Eisen. A. L. Quaintance. do W. F. Fiske Warren E. Hinds.	Salary	\$134.80
	A. W. Morrill	do	126.40 100.00
3	Geo. W. Carver	Traveling expenses	76, 40
4	Pope Manufacturing Co., Washington branch	Repairs.	72.30 2.35
	Gustav Eisen	Repairs Insects from Gautemala Traveling expenses Expenses Salary Traveling expenses do	115.00
5	A. L. Quaintance.	Traveling expenses	66.65 16.65
6	W. F. Fiske	Salary	16.65 50.00
19	Warren E. Hinds	Traveling expenses	21.75 $60.62$
	Warren E. Hinds G. H. Harris A. W. Morrill W. D. Hunter	do Expenses	58. 20 47. 33
	W. D. Hunter	Expenses	47. 33 1. 00
21	Frank Benton Rudolph, West & Co.	Traveling expensesOil stone, etc	5. 35 6. 25
23	The Chesapeake and Potomac Telephone Co.	Oil stone, etc. Telephone service. Traveling expenses.	6. 25 142. 40
20	Bausch & Lomb Optical Co	Objective	3.90
	L. L. Laycock	Use horse and buggy	30.00
30	Rudolph, West & Co. The Chesapeake and Potomac Telephone Co. W. D. Hunter Bausch & Lomb Optical Co. L. L. Laycock Queen & Co. (Incorporated) C. L. Marlatt et al. The M. Lindsay Rubber Co. Geo. F. Muth Co. W. B. Moses & Sons. Lamb & Tilden	Objective. Use horse and buggy. Cork. Salaries.	1, 25 1, 586, 80
Dec. 1	The M. Lindsay Rubber Co.	Syringe Lantern, etc Indexes	2.40 3.25
	W. B. Moses & Sons	Lantern, etc	3. 25 3. 00
			65
2	Delano & Moore	Films and prints	3. 09 4. 50
	Elphonzo Youngs W. G. Fowler	Use of horse	10.00
3			18. 72 78. 40
	E. S. G. Titus	Salary	100.00
4	A. L. Quaintance	do	130, 40
4	G. H. Harris	do	100.00 122, 20
	. do. C. S. G. Titus A. L. Quaintance A. W. Morrill G. H. Harris Warren E. Hinds Walter D. Hunter W F. Fiska	do	122, 20 122, 20
8	W. F. Fiske	0D	183, 40 50, 00
10	W. F. Fiske Warren E. Hinds G. H. Harris. Mrs. S. C. Depue	Traveling expenses	28, 00
	Mrs. S. C. Depue	Shades and screens	40, 55 21, 00
	Chas. Shore	Tire	4.00
11	Brentanos	Pens	7. 50 100. 00
	American Can Co. W. H. Arnett	Tin boxes Use of horse Use of horse and buggy.	10.00
15	L. L. Laycock.	Use of horse and buggy	30.00 20.00
17	L. O. Howard. W. D. Hunter. Galveston, Harrisburg and San Antonio	Traveling expenses Expenses Passenger transportation.	55, 30
18	Galveston, Harrisburg and San Antonio Rwy. Co.	Passenger transportation	3.80
	Houston and Texas Central R. R. Co	dodo.	38.80
		do	25, 50
	The Kansas City Southern Rwy. Co	do	8.15
19	St. Louis Southeastern Rwy. Co. of Texas	Portition	3. 45 2. 10
	W. D. Hunter	Traveling expenses	165.55
21	Geo. F. Muth & Co	Atomizer	1.50 5.40
	W. B. Moses & Sons	Indexes	3.60
	Rwy. Co. The Kansas City Southern Rwy. Cost. Louis Southeastern Rwy. Co. of Texas Church & Stephenson W. D. Hunter Geo. F. Muth & Co. Z. D. Gilman. W. B. Moses & Sons John C. Parker Library Burgan	Pen fillers.	1.00
23 31	Library Bureau A. W. Morrill C. L. Marlatt et al.	Case and cards Traveling expenses Salaries	14. 25 45. 31
31	C. L. Marlatt et al	Salaries	1,636.60
	Total, second quarter	j.	9,702.52
1004			
1904. Jan. 2	E. S. G. Titus	Salary	100.00
4	E. S. G. Titus A. L. Quaintance Walter D. Hunter A. W. Morrill	Traveling expenses	3,00
	A. W. Morrill	Salary	189.55 100.00
	A. L. Quaintance.	do	134.80
6	G. H. Harris. W. D. Hunter	Expenses	126. 40 28. 50
0	A. L. Quaintance. G. H. Harris. W. D. Hunterdo	Traveling expenses	102.85
	G. H. Harris W. F. Fiske Warren E. Hinds	Salary	62.31 50.00
	Warren E. Hinds	do	126.40

ENTOMOLOGY—Continued.			
Date.	Name.	Nature of payment.	Total.
1904.	I O Howard	Thorship annous	864.05
Jan. 12	A W Morrill	Traveling expenses	\$64.95 92.32
10	Warren E. Hinds	do	39. 98
18	L. O. Howard A. W. Morrill Warren E. Hinds Arthur H. Thomas H. Baum & Son J. E. Bromwell & Sons L. L. Laycock J. F. McCann R. S. Clifton	do do Circles Tables	. 60
	H. Baum & Son.	Tables Keys Use horse and buggy Rent Traveling expenses Passenger transportation do Jar Triplet Transportation Checks and springs Locks, etc. Radiator Transportation Cards Cork	11.00
	L. L. Lavcock	Use horse and buggy	1. 80 21. 29
	J. F. McČann	Rent	21. 29 48. 00
22 25	R. S. Clifton.	Traveling expenses	12. 25
23	do	do	30. 95 20. 75
26	Maddox & Hayden	Jar	29.00
-	Bausch & Lomb Optical Co	Triplet	3.00 57.59 4.08
27	Adams Express Co	Transportation	57.59
21	do	Locks, etc.	5.58
	S. S. Shedd & Bro. Co	Radiator	4. 15
	The Geo. W. Knox Express Co	Transportation	1.89
29	One & Co (Incorporated)	Cork	14.40
31	C. L. Marlatt et al.	Salaries	1,905,70
Feb. 1	A. W. Morrill	Salary	9, 00 1, 905, 70 100, 00
	Warren E. Hinds	do	127. 70 191. 60
	W. F. Fiske	do	191.60 50.00
2	L. L. Layeoge. J. F. McCann R. S. Clifton New York, Texas and Mexican Rwy. Co do do Maddox & Hayden Bausch & Lomb Optical Co Adams Express Co Rudolph, West & Co do S. S. Shedd & Bro. Co The Geo. W. Knox Express Co Library Bureau. Queen & Co. (Incorporated). C. L. Marlatt et al. A. W. Morrill. Warren E. Hinds. Walter D. Hunter W. F. Fiske. Geo. H. Harris. A. L. Quaintance. Geo. H. Harris. C. L. Marlatt. The Chesapeake and Potomac Telephone Co.	do	127. 70
	A. L. Quaintance	do	136.30
6	Geo. H. Harris	Traveling expenses	44.50 17.85 6.25
8	C. L. Marlatt. The Chesapeake and Potomac Telephone Co.	Telephone service do Glass	6 25
0	do	do	1.02
9	Francis Miller	Glass	4.04
	Maddox & Hayden	Jar, etc.	27.95
	Washington Gaslight Co.	Gas	. 80 2. 10
	S. S. Shedd & Bro. Co	Gas radiator, etc	8. 10
	Woodward & Lothrop	Chairs	5.70
12	C. L. Mariatt The Chesapeake and Potomac Telephone Codo. The Chesapeake and Potomac Telephone Codo. Francis Miller. Maddox & Hayden. P. Mann & Co. Washington Gaslight Co. S. S. Shedd & Bro. Co. Woodward & Lothrop. The Maurice Joyce Engraving Co. Mallinckrodt Chemical Works. T. J. King. American Entomological Codo. J. A. Shinedo. Henry J. Green. Houston and Texas Central R. R. Cododo. New York, Texas and Mexican Rwy. CoTexas Midland R. R. The Missouri Pacific Rwy. Co. Morgans Louisiana and Texas R. R. and S. S. Co. Workington Scuthers Pays. Co.	Engraving labels	1.35 .24
12	T. J. King	Cotton seed	400.00
	American Entomological Co	Insect boxes, etc	27.50
	J. A. Shine.	Cotton seed	380.00 194.38
	Henry J. Green	Thermometers	8,00
18	Houston and Texas Central R. R. Co	Passenger transportation	8. 00 34. 00
	dodo	do	59. 50 28. 65
	New York, Texas and Mexican Rwy, Co.	do	163. 80
	Texas Midland R. R.	do	15. 25 32. 25
	The Missouri Pacific Rwy. Co	do	32. 25
	Co.	00	14.65
	Washington Southern Rwy. Co	do	54.05
	Washington Southern Rwy. Co. Galveston, Harrisburg and San Antonio Rwy. Co. Mrs. M. V. Slingerland. Queen & Co. (Incorporated). Bausch & Lomb Optical Co. The Geo. W. Knox Express Co. Thomas Woodason. Washington Gaslight Co. Rudolph, West & Co. Church & Stephenson Franklin & Co. Postal Telegraph-Cable Co. Western Union Telegraph Co. W. F. Fiske. A. W. Morrill. Walter D. Hunter. Warren E. Hinds. A. L. Quaintance. C. L. Marlatt. Charles Shore. Geo. H. Harris E. J. Pullman. A. R. Dearborn & Co.	do	6.30
23	Mrs. M. V. Slingerland	Slides	32.73
20	Queen & Co. (Incorporated)	Paper and boxes	15. 18
	Bausch & Lomb Optical Co	Repairs	1.00
24	The Geo. W. Knox Express Co	Transportation	2.51 3.50
	Washington Gaslight Co	Gas	6.90
	Rudolph, West & Co.	Locks	5. 55 28. 80
	Church & Stephenson	Lumber	28.80
27	Postal Telegraph-Cable Co	Telegraph service	2.80 2.80 9.75
	Western Union Telegraph Co.	do	9.75
29	W. F. Fiske	Salary	60.00
	A. W. Morrill	do	100.00
	Warren E. Hinds	do	199. 20 119. 60
	A. L. Quaintance.	do	159.40
Ma.: 2	C. L. Marlatt	Salaries	1,919.60
Mar. 2	Geo. H. Harris	Repairs to Dicycle	2.50 119.60
0	E. J. Pullman	Slides	6.50 13.00
4	A. R. Dearborn & Co.	Slides Typewriter cabinet Cotton seed	13.00
	Geo. H. Harris E. J. Pullman A. R. Dearborn & Co Capers Dickson Georgia Experiment Stations Geo. H. Harris do	Cotton seed	45. 00 25. 00
. 10	Geo. H. Harris	Traveling expenses Expenses	70.92
	do	Expenses	5.50

Dat	te.	Name.	Nature of payment.	Total.
190	)4.			44
Mar.	11	U. S. Express Co. Church & Stephenson. The Pullman Co. do. Southern Rwy. Co. The Texas and Pacific Rwy. Co. Southern Printers Supply Co The Publishers and Printers Engraving Co. Library Bureau. Bausch & Lomb Optical Co The Deming Co. Fred. A. Schmidt Rudolph, West & Co. E. J. Pullman P. J. Mulligan Mackall Bros Lamb & Tilden Delano & Moore. do.	Transportation	\$43.04
	18	Church & Stephenson	Passanger transportation	28. 27 16. 00
		do	do	10.00
		Southern Rwy. Co.	do	39.30 4.75
		The Texas and Pacific Rwy. Co	do	4.75
		Southern Printers Supply Co	Electros	1.40
	21	The Publishers and Printers Engraving Co	Engravings.	1.75
		Rausch & Lomb Optical Co	Labels, etc.	8. 20 16. 79
		The Deming Co.	Sprayer	13.15
	22	Fred. A. Schmidt	Scales	1.45
		Rudolph, West & Co	Locks	2. 43 3. 50
		E. J. Pullman	Mool	1. 25
		Mackall Bros	Sulphur, etc.	4.00
		Lamb & Tilden	Stencils	2.35
		Delano & Moore	Studio cutter, etc	2.35 2.97
		do. Brentanos (Incorporated)	Photo supplies	33, 20
		Brentanos (Incorporated)	Fountain pen (repairing)	. 50
		Brentanos (incorporated) J. T. Walker Sons. Geo. Shilling New York, Texas, and Mexican Rwy. Co B. D. Wilson A. L. Quaintance. C. L. Marlatt et al.	Studio cutter, etc. Photo supplies Fountain pen (repairing) Lime Label gauges Passenger transportation Cotton seed Salary Salary Salaries	6.30
	28	New York, Texas, and Mexican Rwy, Co.	Passenger transportation	13.60
	29	B. D. Wilson	Cotton seed	25.00
	31	A. L. Quaintance.	Salary	170.30
				2, 171. 16
		Total third quarter		11,249.62
Apr.	. 4	W. F. Fiske	Salary	60.00
		Geo. H. Harris Walter D. Hunter Warren E. Hinds	do	127.70
		Walter D. Hunter	do	212.90 127.70
		Warren E. Hinds	do	100.00
	9	W. B. Moses & Sons	Tables, etc.	19.90
		M. Carmody	Drawings	45.00
		The Geo. W. Knox Express Co	Transportation	. 25 48. 00
		Warren E. Hinds A. W. Morrill W. B. Moses & Sons M. Carmody The Geo. W. Knox Express Co. J. F. McCann American Entomological Cododododo	Rent.	48.00
	11	American Entomological Co	Royes	22.30 30.27
		Emil Greiner Whitall, Tatum Co Spencer Lens Co. do.		25.00
	12	Whitall, Tatum Co	Corks, etc.	19.65
		Spencer Lens Co	Magnifiers	8. 11 8. 14
		A C Powe	Corks, etc Magnifiers Insect holders Fire extinguisher	8. 14 12. 00
		A. C. Rowe. The Publishers and Printers Engraving Co	Engraving	8, 82
	13	Geo. S. Fraser, administrator	Rent. Roach food Repairs.	300.00
	14	Z. D. Gilman	Roach food	. 50
		Remington Typewriter Co	Repairs	15.50
		Thomas R. Kiley	Lumber	3.76
		The Publishers and Printers Engraving Co. Geo. S. Fraser, administrator. Z. D. Gilman Remington Typewriter Co. Thomas R. Riley E. J. Pullman National Electric Supply Co. Mackall Bros John F. Barghausen Postal Telegraph-Cable Co. Queen & Co. (Incorporated) T. J. Kinge American Entomological Co. G. H. Harris do. The Geo. W. Knox Express Co.	Lumber Slides Repairing fan Alcohol Salary Telegraph service Alcohol Transportation Boxes Traveling expenses Expenses Transportation	2.50 5.00
		Mackall Bros	Alcohol	.75
	15	John F. Barghausen	Salary	. 75 39. 00
	18	Postal Telegraph-Cable Co.	Telegraph service	. 40 18. 00
	19	T I King	Transportation	18.00 156.00
		American Entomological Co	Boxes	27.50
		G. H. Harris	Traveling expenses	27.50 84.70
		do	Expenses	10.50
	20	The Geo. W. Knox Express Co	Transportation	4.58
		D. Frank Parker	Ink.	1.50
		Lamb & Tilden	Racks	8. 01
		S. Kahn Sons & Co	Linen, etc.	7.25
		Southern Printers Supply Co	Electrosdo	.15
		do	do	. 10
		Whitali, Tatum Co	Vials, etc.	36.28
		Library Rureau	r orceps	144.05
	21	do The Geo. W. Knox Express Co. D. Frank Parker James B. Læmbie Co. (Incorporated) Lamb & Tilden S. Kahn Sons & Co. Southern Printers Supply Codo Whitall, Tatum Co. Bausch & Lomb Optical Co. Library Bureau Frank Benton. A. D. Hopkins	do Vials, etc Forceps Case Traveling expensesdo	5.00 3.00
	23	A. D. Hopkins	do	33,00
	28	New York, Texas and Mexican Rwy. Co	Passenger transportation	6.60 5.00
		Houston East and West Texas Rwy. Co	do	5.00
		The Chesaneska and Potomas Tolonhams Ca	Tolophone service	12.35
	29	A. D. Hopkins. New York, Texas and Mexican Rwy. Co. Houston East and West Texas Rwy. Co. Houston and Texas Central R. R. Co. The Chesapeake and Potomac Telephone Co. American Entomological Co. John F. Barghausen. A. L. Quaintance.	Labels	6. 25 55. 00
	30	John F Rarghangen	Salary	55.00 3.00
	90	John F. Darghausen		

Date.	Name.	Nature of payment.	Total.
1904.			
pr. 30	C. L. Marlatt et al. W. F. Fiske Warren E. Hinds	Salaries	\$2,041.
Tay 2	W. F. Fiske	Salary	60.0
	Warren E. Hinds	do	123.
	Walter D. Hunter	do	206.
9	Walter D. Hunter A. W. Morrill G. H. Harris The Maurice Joyce Engraving Co Western Union Telegraph Co Barber & Ross F. W. Bolgiano & Co Charles Shore Adams Express Co Rudolph, West & Co Yawman & Erbe Manufacturing Co Bausch & Lomb Optical Co. W. F. Fiske	do	100.0
13	The Maurice Ioyee Engraving Co	Fngroving	123.
10	Western Union Telegraph Co	Telegraph sarvice	17.
	Barber & Ross	Wire etc	3.
	F. W. Bolgiano & Co.	Planet	4.
16	Charles Shore	Repairs to wheels	4. 3.
	Adams Express Co	Transportation	60.
	Rudolph, West & Co	Chest handles	•
	Yawman & Erbe Manufacturing Co	Card sections, etc	43.
	W F Field	Traveling avenues	43. 6. 44.
	W. F. Fiske G. H. Harris Z. D. Gilman Delano & Moore	Traveling expenses	86.
19	Z. D. Gilman	Naphthaline	1
10	Delano & Moore	Films, etc. Pyrethrum powder Passenger transportation	1. 22.
24	Frank C. Henry	Pyrethrum powder	5.
26 27	Southern Rwy. Co	Passenger transportation	35.
27	Jacob Kotinsky	Traveling expenses	32.
31	Wm. L. Phillips	Salary	39.
	Frank C. Henry. Southern Rwy. Co. Jacob Kotinsky. Wm. L. Phillips. C. L. Marlatt et al.	Salaries	2,058.
une 1	A. L. Quaintance	Salary	170.
3	A. L. Quaintance. W. F. Fiske Church & Stephenson. Yawman & Erbe Manufacturing Co.	Traveling expenses Salary Salaries Salarydo Lumber Cand section	60. 30.
ð	Vowmen & Erbe Manufacturing Co	Card section.	8.
	Tawman & Eroe Manufacturing Co. The Bandolph Paper Box Co. Remington Typewriter Co. W. D. Hunter A. W. Morrill W. E. Hinds. G. H. Harris.	Royae	43.
	Remington Typewriter Co	Boxes Cylinder	1.
8	W. D. Hunter	Salary	213.
	A. W. Morrill	Salary	100.
	W. E. Hinds	do	127.
11	G. H. Harris	do	127. 127.
	do	Traveling expenses	84.
	W. F. Fiske	do	42.
	J. L. Webb	do	33. 23.
1.5	d0. W. F. Fiske J. L. Webb. H. E. Burke. Wm. I. Phillips. Geo. F. Muth & Co.	Commisse	23,
15 20	Coo F Muth & Co	Services	39. 2.
20	Chae B Edmonston	Benzine Strainers, etc Drayage Jackets and cases	2.
	Chas. R. Edmonston Blue Line Transfer Co	Dravage	, .
	Library Bureau	Jackets and cases	114
	Blue Line Transfer Co. Library Bureau .do. Edm. Reither Woodward & Lothrop. Arthur H. Thomas Co. A. D. Hopkins. Wm. L. Phillips. C. L. Marlatt et al.	Guides	10. 3. 27.
	Edm. Reither	Specimens. Matting, etc.	3.
	Woodward & Lothrop	Matting, etc	27.
00	Arthur H. Thomas Co	Circles	4.
29 30	A. D. Hopkins	Circles Traveling expenses Salary Salaries	146. 39.
30	W. H. L. Phillips	Salarios	2,026.
	C. 17. Mariatt et al	Salaties	2,020.
	Total fourth quarter		10,636.
	100011001011 quartor		
	Supplemental.	1	
1904.			0.0
uly 2	W. F. Fiske F. H. Chittenden Geo. S. Fraser	Salary	60.
5	F. H. Chittenden	Traveling expenses	30. 180.
0			180.
6	F. C. Pratt. W. E. Hinds W. D. Hunter A. W. Morrill	Salary	24. 123. 206.
	W D Hunter	do	206
	A W Morrill	do	100.
	A. L. Quaintance	dodo	164.
9	A. L. Quaintance G. H. Harris E. S. G. Titus	Services	123. 105.
	E. S. G. Titus	Traveling expenses	105.
	do		3.
	Theo. Pergande	do	20.
14	Theo. Pergande J. F. McCann W. B. Moses & Sons American Entomological Co.	Rent	48.
18	W. B. Moses & Sons	Bookcase	18.
19	American Entomological Co	Mounts, etc	11. 38.
	The Hoggen & Pettic Manufacturing Co	Cloths	3.
	Ouean & Co. Incorporated	Paper Cloths Evaporating dishes Sand	1.
	Columbia National Sand Dredging Co	Sand	2
20	Conditional Date Di Cugnis Consesses	Close	1.
20	Francis Miller		
20	American Entomological Co. American Writing Machine Co. The Hoggson & Pettis Manufacturing Co. Queen & Co., Incorporated Columbia National Sand Dredging Co. Francis Miller F. P. May	Padlocks	
20	Francis Miller F. P. May Remington Typewriter Co. Rudolph, West & Co. J. L. Webb.	Sand Glass. Padlocks. Card cylinder. Holders. Traveling expenses.	2. 2. 2.

Date.	Name.	Nature of payment.	Total.
1904. July 23	Supplemental—Continued.	Expenses.	\$5, 10
July 23	do	Traveling expenses	82.55
	Pennsylvania R. R. Co		10.10 35.00
30	Missouri, Kansas & Texas Rwy. Co	do	16.90
	Georgia, Florida & Alabama Rwy. Co	do	6.75
	The Atchison, Topeka & Santa Fe Rwy. Co. Carabelle, Tallahassee & Georgia R. R. Co	do	25, 80 5, 00
			6.80
Aug. 2	Northern Pacific Rwy. Co	Traveling avrenses	4.55 47.05
Aug. 2	The Chesapeake & Potomac Telephone Co	Telephone service	6, 25
	Delano & Moore	Rubber bulb and tubing	. 22
	Jno. B. Espey M. Du Perow		1.20 19.42
	Woodward & Lothrop	Cotton	1.20
17 Sept. 14	Geo. F. Muth & Co United States Express Co	Lead	19.13 36.99
Sept. 14	do	do.	40.83
19	San Pedro, Los Angeles and Salt Lake R. R.	Passenger transportation	4.15
	Co. Southern Rwy, Co.	dodo	27, 20
	The Pullman Co	do	31.25
	dodo		9.50 20.50
	do	do	4.00
	Baltimore and Ohio R. R. Co	do	190.00
	do	do	10.00 5.05
	do	do	41.10
	Chicago, Rock Island and Pacific Rwy. Co Burlington and Missouri River R. R. in	do	18.56 2.78
	Nebraska.		
	Oregon Short Line R. R. Co	do	7.30 32.50
	Pennsylvania R. R. Co	do	7, 26
	Macon, Dublin and Savannah R. R. Co	do	4.25
	Macon, Dublin and Savannah R. R. Co Central of Georgia Rwy. Co New York, New Haven and Hartford R. R.	do	2.64 9.25
	Co		5.20
20	Chas. R. Edmonston		1.00
24	Adams Express Co Western Union Telegraph Co	Transportation	53, 66 1, 25
	S 1		
	Total		2, 202. 53

#### RECAPITULATION.

S	First quarter	9,702.52
F	'hird quarter 'Ourth quarter upplemental	10, 636, 33
	Total	28 812 01

#### SILK INVESTIGATIONS.

Date.	Name.	Nature of payment.	Total.
1903.			
July 31	T. A. Keleher	Salaries	\$348.40
Aug. 4	Wyckoff, Seamans & Benedict	Typewriter	50.00 150.00
	Henrietta A. Kelly Camillo Garlati	Salary	35, 00
	Rosa Garlati	do	25.00
24	Henrietta A. Kelly	Traveling expenses	23, 45
	Rosa Garlati	do	23, 45
	Camillo Garlati	do	17.40
27	Rudolph, West & Co	Tools	14.17
31	T. A. Keleher et al.	Salaries	369.40
Sept. 3	C. L. Marlatt	Expenses	226.62
9	H. A. Kelly	Salary	150.00
	Camillo Garlati	do	35.00
	Rosa Garlati	do	25,00

Date.	Name.	Nature of payment.	Total.
1903.			
Sept. 10	J. B. Lambie Co., Incorporated. Church & Stephenson J. B. Lambie Co., Incorporated. T. A. Keleher et al	Hinges, etc	\$3.64
24	Church & Stephenson	Lumber.	1, 54
30	T A Keleber et al	Files, etc. Salaries.	4. 13 430. 63
50		Calalies	
	Total first quarter		1,932.83
et. 8	John C. Parker	Transfer cases	6.00
9	Rosa Garlati	Services	25.00
10	Camillo Garlati	do	35.00 1.38
10	The Geo. W. Knox Express Co	Transportation	.6
	Rudolph, West & Co.	Electric current Transportation Hardware Salary	5.4 150.0
40	Henrietta A. Kelly.	Salary	150.0
12	National Electrical Supply Co	Motor	84. 2 25. 0
31	T. A. Keleher et al	Motor Awnings Salaries Salary	398.4
Nov. 4	Rosa Garlati	Salary	398.4 25.0
	John C. Parker Rosa Garlati Camillo Garlati Potomae Electric Power Co. The Geo. W. Knox Express Co. Rudolph, West & Co. Henrietta A. Kelly National Electrical Supply Co. R. C. M. Burton & Son. T. A. Keleher et al Rosa Garlati Henrietta A. Kelly Camillo Garlati Henrietta A. Kelly Rosa Garlati Camillo Garlati Camillo Garlati Camillo Garlati Camillo Garlati	do	150.0
24	Camillo Garlati	do Traveling expensesdo	35.0
41	Rosa Garlati	do	34.1 16.1
25	Camillo Garlati.	do	15.8
30	T. A. Keleher et al.	Salaries	393.2
Dec. 1	Potomac Electric Power Co	Salaries Electric current Pipe, etc	1.2 58.0
8	Henrietta A. Kelly	Salary	150.0
	Camillo Garlati	do	35.0
7.4	Rosa Garlati	do	25.0
14 17	Geo W Moss	Passenger transportation	23.0 $122.7$
31	Rosa Garlati Camillo Garlati T. A. Keleher et al Potomae Electric Power Co Edgar J. Hulse Henrietta A. Kelly Camillo Garlati Rosa Garlati Frank M. Boteler Geo. W. Moss T. A. Keleher et al	. do	317.1
	Total second quarter		2, 132. 4
1904.			
Jan. 5	Camillo Garlati	Salary	35.0
	Rosa Garlati	do	25.0
7	Rosa Garlati Henrietta A. Kelly. Potomac Electric Power Co. Nellie C. Ellerbe Potomac Electric Power Co.	Fleetrie current	150.0 2.5
27	Nellie C. Ellerbe	Seedlings.	10.0
	Potomac Electric Power Co	Electric current	330.4
31 Feb. 4	T. A. Keleher et al.	Salaries	330.4
reu. 4	Rosa Garlati	do	35.0 25.0
	Henrietta A. Kelly	do	150.0
9	J. S. Wise	Repairs to brushes	5.0
11 17	R. S. Clifton	Traveling expenses	19.4 23.0
24	Thos. Somerville & Sons	Labor and material reeling ma-	181.3
	T. A. Keleher et al. Camillo Garlati Rosa Garlati Henrietta A. Kelly J. S. Wise R. S. Clifton Baltimore and Ohio R. R. Co. Thos. Somerville & Sons.	chine.	
	Rudolph, West & Co. Potomac Electric Power Co. T. A. Keleher et al.	Wire, etc Electric current	4.4
29	T A Kolohor et el	Salaries	1.3 319.2
Mar. 3	Camillo Garlati	Salary	35.0
	Rosa Garlati Henrietta A. Kelly A. Redaelli & Son C. L. Marlatt	do do Silkworm eggs	25.0
ă	Henrietta A. Kelly	do	150.0 280.0
12	C. L. Warlatt	Expenses.	159.5
	do	do	4.7
	do	do	8.5 38.2
16	U. L. Mariatt.	Expenses	38. 2 7. 4
10	do	dodo	4.6
	Camillo Garlati	do	4.6
21	Faucher Creek Nurseries (Incorporated)	Mulberry cuttings	262.0
22	Rudolph West & Co		2.0
24 31	Potomac Electric Power Co.	Tacks Electric current Salaries	1.2
31	do		280.4
	Total third quarter		2,580.7
		Colorer	13.5
Apr. 4	Camillo Garlati	balai y	0.0
-	Rosa Garlati	do	9.6
Apr. 4	Camillo Garlati Rosa Garlati H. A. Kelly Woodward & Lothrop W. B. Moses & Sons. Western Union Telegraph Co.	do	9.6 150.0 36.0 5.5

Date.	Name.	Nature of payment.	Total.
1904.	A. Hugues	Seeds and plants	\$66.00
Apr. 21 25	P. Mann & Co.	Hand cart	9.50
30	T. A. Keleher et al	Hand cart Salaries	274,80
May 9	A. Hugues. P. Mann & Co. T. A. Keleher et al. Henrietta A. Kelly Mallinckrodt Chemical Works S. Kann Sons & Co. Delano & Moore Tibbatt Allan	Salary Chemicals	150.00
16	Mallinekrodt Chemical Works	Net.	7,50 3,51
	Delano & Moore	Scale.	.48
31	Tibbett Allen T. A. Keleher et al. Henrietta A. Kelly Remington Typewriter Co. Yawman & Erbe Manufacturing Co.	Salary Salaries	39.00
	T. A. Keleher et al.	Salaries	320.40 150.00
June 8	Henrietta A. Kelly	Salary Typewriter, etc. Cabinet Copier.	150.00
20	Vawman & Frha Manufacturing Co	Cobinet	95.78 37.74
29	do		33.00
30	Tibbett Allen Wm. A. Keleher	Salary	39.00
	Wm. A. Keleher T. A. Keleher et al.	Salary do Salaries	26.00 337.70
	T. A. Kelener et al	Salaries	331.70
	Total fourth quarter		1,808.76
	Supplemental.		
July 9	Henrietta A. Kelly	Services	150.00
19	Library Bureau Washington Wood Working Co V. L. Kellogg Ernesta Mahati	Outfit cords	10.00
20	Washington Wood Working Co	Boxes	30.00
Aug. 1	V. L. Kellogg	Services	150.00 16.80
B	Ernesta Malmati	Sukworm eggs.	29. S6
Sept. 26	E. S. Beardslee C. M. Woolf & Co	Boxes Services Silkworm eggs Cocoons Pruners	3.00
	Total		389.66
			•
First qua Second qua Third qua Fourth qua Supplement	RECAPITULA uarter arter uarter uarter		\$1,932.83 2,132.47 2,580.73 1,808.76
Suppleme	urter uarter arter uarter ental		\$1,932,83 2,132,47 2,580,73 1,808,76 389,66
Tot	arter uarter arter uarter uarter untal eal ENTOMOLOGY	—1903—4.	389.66 . S, 841.45
Suppleme	urter uarter arter uarter ental		389.66
Tot  Date.	reter uarter arter uarter ental cal ENTOMOLOGY Name.	19034.  Nature of payment.	1,898.76 389.66 8,844.45
Tot  Date.  1903. July 31	reter uarter arter uarter ental cal ENTOMOLOGY- Name.	-1903-4.  Nature of payment.  Salaries.	Total.
Tot  Date.	reter uarter arter uarter ental cal ENTOMOLOGY Name.	19034.  Nature of payment.	Total.
Date.  1903. July 31	reter uarter arter arter uarter ental  cal  ENTOMOLOGY  Name.	—1903—4.  Nature of payment.  Salariesdo	389.66 . S, 841.45
Date.  1903. July 31 Aug. 31	reter uarter arter arter uarter ental  cal  ENTOMOLOGY  Name.  C. L. Marlatt et al  do  Total first quarter.	-1903-4.  Nature of payment.  Salaries	Total.  \$1,636.60  1,636.60
Date.  1903. July 31 Aug. 31	reter uarter arter arter uarter ental  cal  ENTOMOLOGY  Name.  C. L. Marlatt et al  do  Total first quarter.	-1903-4.  Nature of payment.  Salaries	Total.  \$1,636.60 1,636.60 3,273.20
Date.  Date.  1903. July 31 Aug. 31  1904. Jan. 16 25	reter uarter arter arter uarter ental  cal  ENTOMOLOGY  Name.  C. L. Marlatt et al  do  Total first quarter.	-1903-4.  Nature of payment.  Salaries	Total.  \$1,636.60  3,273.20  261.85
Date.  1903. July 31 Aug. 31	reter uarter arter arter uarter ental  cal  ENTOMOLOGY  Name.  C. L. Marlatt et al  do  Total first quarter.	-1903-4.  Nature of payment.  Salaries	Total.  \$1,636.60 1,636.60 3,273.20  261.\$5 3,000.00
Date.  Date.  1903. July 31 Aug. 31  1904. Jan. 16 25	reter uarter arter arter uarter ental  cal  ENTOMOLOGY  Name.  C. L. Marlatt et al  do  Total first quarter.	-1903-4.  Nature of payment.  Salaries	1,808.6 389.6 8,844.45 Total. \$1,636.6 1,636.6 3,273.2 261.55 3,000.0 707.85 687.0
Date.  Date.  1903. July 31 Aug. 31  1904. Jan. 16 25	reter uarter arter arter uarter ental  cal  ENTOMOLOGY  Name.  C. L. Marlatt et al  do  Total first quarter.	-1903-4.  Nature of payment.  Salaries	1,808.6 389.66 S,844.45 Total. 31,636.60 1,636.60 3,273.20 261.55 3,000.00 707.85 687.02
Date.  Date.  1903. July 31 Aug. 31  1904. Jan. 16 25	reter uarter arter arter uarter ental  cal  ENTOMOLOGY  Name.  C. L. Marlatt et al  do  Total first quarter.	-1903-4.  Nature of payment.  Salaries	Total.  \$1,636.60 1,636.60 3,273.20 261.55 3,000.00 707.85 687.02 134.54 194.32
Tot Tot Date.  Date.  1903. July 31 Aug. 31  1904. Jan. 16 25 26	reter uarter arter arter uarter ental  cal  ENTOMOLOGY  Name.  C. L. Marlatt et al  do  Total first quarter.	-1903-4.  Nature of payment.  Salaries	1,808.60 389.66 8,844.45 Total. \$1,636.60 1,636.60 3,273.20 261.95 3,000.00 707.85 687.02 134.84 404.82 973.63
Tot Tot Date.  Date.  1903. July 31 Aug. 31  1904. Jan. 16 25 26	reter uarter arter arter uarter ental  cal  ENTOMOLOGY  Name.  C. L. Marlatt et al  do  Total first quarter.	-1903-4.  Nature of payment.  Salaries	1,808.60 389.66 8,844.45 Total. \$1,636.60 1,636.60 3,273.20 261.95 3,000.00 707.85 687.02 134.84 404.82 973.63
Tot Tot Date.  Date.  1903. July 31 Aug. 31  1904. Jan. 16 25 26	reter uarter arter arter uarter ental  cal  ENTOMOLOGY  Name.  C. L. Marlatt et al  do  Total first quarter.	-1903-4.  Nature of payment.  Salaries	1,808.6 389.66 S,844.45 Total. \$1,636.60 3,273.20 261.85 8,000.00 707.85 687.02 134.94 973.83 56.12 17.50 2.135.74
Tot  Date.  1903. July 31 Aug. 31  1904. Jan. 16 25 26	reter uarter arter arter uarter ental  cal  ENTOMOLOGY  Name.  C. L. Marlatt et al  do  Total first quarter.	-1903-4.  Nature of payment.  Salaries	1,808.60 389.66 8,844.45 Total. \$1,636.60 1,636.60 3,273.20 261.95 3,000.00 707.85 687.02 134.94 404.82 973.63
Date.  Date.  1903. July 31 Aug. 31  1904. Jan. 16 25 26	reter uarter arter arter uarter ental  cal  ENTOMOLOGY  Name.	Traveling expenses Cultivating cotton do do do do Cotton Passenger transportation Fertilizers, etc. Passenger transportation Passenger transportation Passenger transportation do Description of the passenger transportation description	1,808.6 389.66 S,844.45 Total. \$1,636.60 3,273.20 261.85 8,000.00 707.85 687.02 134.94 973.83 56.12 17.50 2.135.74
Date.  Date.  1903. July 31 Aug. 31  1904. Jan. 16 25 26	reter uarter arter arter uarter ental  ENTOMOLOGY  Name.  C. L. Marlatt et al. do Total first quarter.  C. L. Marlatt. E. S. Peters A. P. Borden A. N. Alford J. D. Mitchell B. D. Wilson Jefferson Johnson J. M. Styers The Pullman Co. Virginia-Carolina Chemical Co. Terre Haute and Indianapolis R. R. Co.	Traveling expenses Cultivating cotton do do do do Cotton Passenger transportation Fertilizers, etc. Passenger transportation Passenger transportation Passenger transportation do Description of the passenger transportation description	1,808.6 389.66 8,844.45 Total. 31,636.60 1,636.60 3,273.20 261.55 3,000.00 707.85 687.02 134.49 404.32 973.63 56.12 17.50 2,135.74 19.25
Tot Tot Date.  Date.  1903. July 31 Aug. 31  1904. Jan. 16 25 26	reter uarter arter uarter ental  ental  ENTOMOLOGY  Name.  C. L. Marlatt et al. do Total first quarter.  C. L. Marlatt. E. S. Peters A. P. Borden A. N. Alford J. D. Mitchell B. D. Wilson Jefferson Johnson J. M. Styers The Pullman Co. Virginia-Carolina Chemical Co Terre Haute and Indianapolis R. R. Co. Total third quarter	Traveling expenses Cultivating cotton do do do do Cotton Passenger transportation Fertilizers, etc. Passenger transportation Passenger transportation Passenger transportation do Description of the passenger transportation description	1,808.6 389.66 8,844.45 Total. 31,636.60 1,636.60 3,273.20 261.55 3,000.00 707.85 687.02 134.49 404.32 973.63 56.12 17.50 2,135.74 19.25
Tot  Date.  1903. July 31 Aug. 31  1904. Jan. 16 25 25 26  Mar. 4 28 29	reter uarter arter arter uarter ental  ENTOMOLOGY  Name.  C. L. Marlatt et al. do. Total first quarter.  C. L. Marlatt. E. S. Peters. A. P. Borden A. N. Alford J. D. Mitchell B. D. Wilson Jefferson Johnson J. M. Styers The Pullman Co. Virginia-Carolina Chemical Co Terre Haute and Indianapolis R. R. Co. Total third quarter  Supplemental.	Traveling expenses. Cultivating cotton do do do do Cotton Passenger transportation Fertilizers, etc. Passenger transportation	1,808.6 389.66 8,844.45 Total. \$1,636.60 1,636.60 3,273.20 261.55 3,000.00 707.85 687.02 134.94 404.82 978.63 56.12 17.50 2,135.74 19.25 8,398.12
Tot Supplement Tot Date.  1903. July 31 Aug. 31  1904. Jan. 16 25 26  Mar. 4 28 29	reter uarter arter arter uarter ental  cal  ENTOMOLOGY  Name.  C. L. Marlatt et al do Total first quarter.  C. L. Marlatt E. S. Peters A. P. Borden A. N. Alford J. D. Mitchell B. D. Wilson Jefferson Johnson J. M. Styers The Pullman Co. Virginia-Carolina Chemical Co. Terre Haute and Indianapolis R. R. Co. Total third quarter  Supplemental.  Southern Pacific Co.  RECAPITULA	Traveling expenses. Cultivating cotton. do. do. do. do. do. Passenger transportation. Passenger transportation.  Passenger transportation.	1,808.6.2.389.66 S,844.45 Total.  \$1,636.60 1,636.60 3,273.20 261.\$5 3,000.00 707.\$5 687.02 134.94 1404.32 973.63 56.12 17.50 2,135.74 19.25 S,398.12
Tot  Date.  1903. July 31 Aug. 31  1904. Jan. 16 25 26  Mar. 4 28 29	reter uarter arter arter uarter ental  cal  ENTOMOLOGY  Name.  C. L. Marlatt et al do Total first quarter.  C. L. Marlatt E. S. Peters A. P. Borden A. N. Alford J. D. Mitchell B. D. Wilson Jefferson Johnson J. M. Styers The Pullman Co. Virginia-Carolina Chemical Co. Terre Haute and Indianapolis R. R. Co. Total third quarter  Supplemental.  Southern Pacific Co.  RECAPITULA	Traveling expenses. Cultivating cotton. do. do. do. do. do. Passenger transportation. Passenger transportation.  Passenger transportation.	Total.  \$1,636.66 1,636.66 3,273.20  261.83 3,000.00 707.85 687.01 134.92 1404.32 973.65 56.12 17.50 2,135.74 19.25 8,398.12
Tot  Date.  1903. July 31 Aug. 31  1904. Jan. 16 25 26  Mar. 4 28 29	reter uarter arter arter uarter ental  ENTOMOLOGY  Name.  C. L. Marlatt et al. do Total first quarter.  C. L. Marlatt. E. S. Peters A. P. Borden A. N. Alford J. D. Mitchell B. D. Wilson J. M. Styers. The Pullman Co. Virginia-Carolina Chemical Co. Total third quarter  Supplemental. Southern Pacific Co.	Traveling expenses. Cultivating cotton. do. do. do. do. do. Passenger transportation. Passenger transportation.  Passenger transportation.	1,808.6.2.389.66 S,844.45 Total.  \$1,636.60 1,636.60 3,273.20 261.\$5 3,000.00 707.\$5 687.02 134.94 1404.32 973.63 56.12 17.50 2,135.74 19.25 S,398.12

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

SETTLED BY UNITED STATES TREASURY.

Date.	Name.	Nature of payment.	Total.
1904. Mar. 4	Pennsylvania R. R. Co	Passenger transportation	\$87.00

#### BIOLOGY.

1903.			
July 22	W. E. Snyder	Birds' stomachs	\$1.40
24 27	C. H. Merriam	Traveling expenses	125.85
27	C. H. Merriam E. W. Nelson E. A. Goldman	do	31. 58 31. 73
	E. A. Goldman	The state of the s	31.73
0.7	National Electrical Supply Co	Electric lan	8.50
31	T. S. Palmer et al.	Salaries	1,048.02
Aug. 1	Vernon Bailey	Salary	1,048.02 202.20 189.55
	A. E. Dwoble	00	150.00
	E. W. Nelson A. E. Preble. Frank Stephens. L. J. Goldman E. A. Goldman	do	140.00
	I. I. Goldman	do	140.00
	E. A. Goldman	do	134.80
	N. Hollister	do	50.00
	A. E. Weller		50.00
4	The Hudson's Bay Co	Traveling expenses, etc	350.00
-	Wm. Wagner	Shotgun shells.	2.00
5	Vernon Bailey	Traveling expenses	145.80
12	J. C. Parker F. E. L. Beal	Fountain pen	4.00
14	F. E. L. Beal	Traveling expenses	74.22
	J. H. Gant	do	95.85
	T. S. Palmer	do	93.30
15	E. Morrison Paper Co	Scrapbooks Strawboard	6.60
18,	do	Strawboard	5.00
	Wm. Wagner Woodward & Lothrop	Shells, etc	3.75
	Woodward & Lothrop	Wadding	2.09
19	Arthur H. Howell	Traveling expenses	67.45
	W. Otto Emerson	240 birds' stomachs	12.00
	W. E. Snyder	60 birds' stomachs	3.00
21	C. Hart Merriam	Traveling expenses	182.70
25	Delano & Moore	Albums, etc	7.30
96	Mackall Bros.	Corks	. 51 7. 50
26 27	Joseph Grinnell		6.00
31	Wright M. Pierce. T. S. Palmer et al.		1,031.59
Sept. 3	F. W. Nolson	Salaries	189.55
sept. s	E. W. Nelson A. E. Weller	do.	50.00
	A. E. Weller	do	150.00
	A. E. Preble Vernon Bailey. Frank Stephens. L. J. Goldman.	do	202, 20
	Frank Stenhens	do	202. 20 67. 74
	L. J. Goldman	do	140.00
	E. A. Goldman	do.	134.80
	N. Hollister	do	150.00
4	C. A. Lambert	Mammals	19.00
	Hudson's Bay Co	Traveling expenses	350.00
9	Vernon Bailev	do	149.81
	A. H. Howell	00	84.85
10	C. H. Merriam	do	97.68
	F. E. L. Beal	do	84.94
	E. Morrison Paper Co. Woodward & Lothrop. F. P. May & Co.	Files	4.50
7.1	w ood ward & Lounrop	Wadding	2.09 45.00
11	F. F. May & CO	Mouse traps	45.00
17	H. J. Green. Alden Sampson.	Traveling expenses	192.43
21	Rudolph West & Co	Locks	4.50
21	Rudolph, West & Co. W. Silas Sheetz	Safe light	1.50
	Wm. Wagner	Shells	5.75
24			
21	W K Fisher	Mammals	49, 75
	W. W. Worthington	Birds' stomachs	121. 20 49. 75 6. 00
	W. M. Pierce	do	6.00
28	E. W. Nelson	Salary	183.40
30	Alfred E. Weller	do	50.00
	Vernon Bailey	do	195.60
	Alfred E. Preble.	do	150.00
	E. A. Goldman	do	130.40
	N. Hollister	do	150.00
	L. J. Goldman	do	70.00
30	J. H. Gant W. K. Fisher. W. W. Worthington W. M. Pierce E. W. Nelson Alfred E. Weller Vernon Bailey. Alfred E. Preble E. A. Goldman N. Hollister L. J. Goldman T. S. Palmer et al	Salaries	936.20
			0 700 70
	Total first quarter		8,583.18

Date.	Name.	Nature of payment.	Total.
1903.			
Oct. 5	Alden Sampson	Services	\$3.00
9	Paul Kroegel Arthur H. Howell	Traveling expenses	3.00
J	F. E. L. Beal	Traveling expenses do	102.95 150.23
10	Dolono & Mooro	Photo supplies	11.63
12	M. Du Perow E. Morrison Paper Co. Alfred E. Preble.	Lamps	1.95
16	Alfred E. Preble	Traveling expenses	6.75 24.85
	C. Hart Merriam Vernon Bailey N. Hollister W. H. Osgood	do	153, 65
10	Vernon Bailey	do	115.50
19	W. H. Osgood	do	, 78.25 308,50
			95, 26
23	W. D. Gay. W. E. Clyde Todd. Frank S. Daggett.	Negative Birds' stomachs	3.00
	W. E. Clyde Todd	Birds' stomachs	3. 25 8. 90
	H W Nolson	Tont	8.00
24	J. S. Hunter Louis Agassiz Fuertes Walter K. Fisher	Birds' stomachs	51.00
90	Louis Agassiz Fuertes	Drawings	110.00
28	L. J. Goldman	Mammals Traveling expenses Stove and bag	36.00 75.00
29	Abercrombie & Fitch	Stove and bag	4,00
07	W. E. Snyder	Birds' stomachs	4. 25 12. 00
31	Abercrombie & Fitch. W. E. Snyder. Lake Tahoe Rwy, and Transportation Co. White Pass and Youkon Route. Fort Worth and Denver City Rwy. Co. Northern Pacific Rwy. Co. T. S. Palmer et al. E. W. Nelson. V. Hollister	Passenger transportation	12.00 40.00
	Fort Worth and Denver City Rwy, Co.	do	3.95
	Northern Pacific Rwy. Co	do	75.50
Nov. 2	T. S. Palmer et al.	Salaries	903.90
Nov. 2	N Hollister	Salary	189, 55 150, 00
	F A Goldman	do	134.80
	Vernon Bailey. Sylvester D. Judd.	do	134.80 202.20
3	Sylvester D. Judd	Traveling expenses	29, 49 60, 15
6 7	Vernon Bailey	do	37. 85
13	F. P. May & Co	Tow, etc	19.70
	Sylvester D. Judd. Merritt Cary. Vernon Bailey. F. P. May & Co. do. Z. D. Gilman.	Traps, etc	23.24
17	Z. D. Gilman	Bottles	11.60 79.55
1,	N. Hollisterdo	Traveling expensesdo	61.37
19	Wilfred H. Osgood	do	126.65
	C. Hart Merriam	do	264.60
20	Werritt Cary W. E. Snyder John A. Morden W. W. Worthington C. R. Ellis A. K. Fisher T. S. Palmer	do. Birds' stomachs	12.45 1.50
-	John A. Morden	do	3.00
	W. W. Worthington	do	6.00
27	A. K. Fisher	Preparing indexTraveling expenses	40.00 22.90
	T. S. Palmer	do	19, 65
0.0			18.00
30	E. A. Goldman E. W. Nelson	Salary	130.40 183.40
	Vernon Bailey	do.	195, 60
D .	T S Palmar at al	Salaries Photo supplies Traps, etc Powder, etc	877.20
Dec. 1	Delano & Moore	Photo supplies	8.43
2	Delano & Moore F. P. May & Co Wm. Wagner	Powder, etc.	15.75 4.35
4	Jas. H. Gant		114.92
10	Jas. H. Gant James S. Topham Alden Sampson	Case	4.00
12	Alden Sampsondo.	do do	244.58 138.64
14	E D Wasses		14.50
	J. S. Hunter	Birds' stomachs	51, 00
	H. M. Gay	Mammalsdo.	70.00 3.00
16	J. S. Hunter H. M. Gay James R. Cary Hugh Campbell Library Bureau Geo. F. Muth & Co Delano & Moore Wm Wegner	do	4.00
17	Library Bureau	Tin trays. Ink Velox.	1.50
	Geo. F. Muth & Co	Ink	1.80
	Wm. Wagner.	Velox	12. 10 3. 00
18	Alaska Steamship Co	Cartrldges Passenger transportation Passenger transportation	50.00
	Alaska Steamship Co. Great Northern Rwy. Co. Wright M. Pierce.	Birds' stomachs	64.50
28	Wright M. Pierce Eastman Kodak Co	Birds' stomachs	4.80
31	Jas. H. Gant	Traveling expenses	4.15 117.46
	Jas. H. Gant T. S. Palmer et al	Repairs. Traveling expenses. Salaries.	903.90

Date.	. Name.	Nature of payment.	Tota
1904.			
an. 2	E. W. Nelson	Salary	\$180
	E. W. Nelson E. A. Goldman	Salary do	\$189 134
	Vernon Bailey	do	202
	Vernon Bailey. Sherrod McClure Surber. A. G. Maddren Mackall Bros. Z. R. Gibron	do	50
7	A. G. Maddren	Mammals	148
0	Mackall Bros	Tubes, etc,	5
8 12	Z. D. Gilman W. B. Moses & Sons Wm. Wagner	Scalpels Cases Shot, shells, etc. Traveling expenses	3
12	W. B. Moses & Soils	Chat shells sto	90
14	wm. wagner Jas. H. Gant. Paul Kroegel J. S. Hunter Delano & Moore Thomas H. Jackson W. W. Worthington Wm. J. Hackmeier J. B. Monroe	Travaling avnances	26 148
11	Paul Kroegel	Traveini expenses Salary Birds' stomachs Photo supplies Photos. Birds' stomachs Skulls Mammals Birds' stomachs	140
	J. S. Hunter	Birds' stomachs	47
18	Delano & Moore.	Photo supplies	47 51
	Thomas H. Jackson	Photos.	4
	W. W. Worthington	Birds' stomachs	6
	Wm. J. Hackmeier	Skulls	36
	J. B. Monroe	Mammals	8
10	James D. Johnson	Birds' stomachs	8
19	E. R. Warren	Photos	3
25 26	The Atchison, Topeka and Santa Fe Rwy. Co.	Passenger transportation	87
20	J. B. Monroe James D. Johnson. E. R. Warren The Atchison, Topeka and Santa Fe Rwy.Co. Curtis Wible. The American Distributing Co. Adams Express Co. Viola McCohn. H. H. Ballard. J. Baumgarten & Sons. E. W. Nelson Vernon Bailey. T. S. Palmer et al. E. A. Goldman	Photos. Passenger transportation Photos. Alcohol. Transportation Photos Klips, etc	22
	Adams Express Co	Transportation	22
27	Viola McCohn	Photos	0,
29	H. H. Ballard	Klips, etc	82
	J. Baumgarten & Sons	Type.	2
30	E. W. Nelson	Type Salarydo Salaries	191
	Vernon Bailey	do	204 952
31	T. S. Palmer et al.	Salaries	952
eb. 1	T. S. Palmer et al. E. A. Goldman Franklin T. Hittell. Sherrod McClure Surber. The Geo. W. Knox Express Co. E. Morrison Paper Co. W. B. Moses & Sons. Potomae Electric Power Co. James B. Lambie Co (Incorporated). Z. D. Gilman. Woodward & Lothrop. M. Du Perow. Jas. H. Gant.	Salary	136 124 50
2	Franklin T. Hittell	do do Transportation.	128
3	Sherrod McClure Surper	The man a who time	50
9	E Morrison Paper Co	Cummed paper	14
8	W R Moses & Sons	Hat rack ate	4
	Potomac Electric Power Co	Gummed paper Hat rack, etc Lamp Excelsior	4
	James B. Lambie Co (Incorporated)	Excelsior	
	Z. D. Gilman	Plaster	
	Woodward & Lothrop	Desk	30
	M. Du Perow	Desk Switch, etc. Trayeling expenses	15
11	Jas. H. Gant	Traveling expenses	134
	Franklin T. Hittell	do	31
12	M. Du Perow Jas. H. Gant Franklin T. Hittell Cyrus Catt. Louis A. Fuertes Northern Pacific Rwy. Co Ironside, Rannie & Campbell Denver and Rio Grande R. R. Co Chicago and Northwestern Rwy. Co.	Mammals	115 70
18	Montham Pacific Press Co	Drawings	20
10	Tronside Rannie & Campbell	rassenger transportation	100
	Denver and Rio Grande R R Co	do	100
	Chicago and Northwestern Rwy, Co	do	3
	do	do	11
19	T. S. Palmer	Traveling expenses	9
24	Delano & Moore	Photo supplies	11
	Franklin & Co	Reading glass	:
	do. T. S. Palmer Delano & Moore Franklin & Co. U. S. Express Co.	Traveling expenses. Photo supplies Reading glass Transportation	46
077	Hugh Reilly	Ground glass	1
27	Postar Telegraph-Cable Co	Telegraph service	12
29	U. S. Express Co Hugh Reilly Postal Telegraph-Cable Co Western Union Telegraph Co Sherrod McClure Surber E. A. Goldman Franklin T. Hittell E. W. Nelson	Solory	50
29	E A Goldman	do	193
	Franklin T. Hittell	-do	12' 12'
	E. W. Nelson	do	179
	Vernon Bailey	do	19: 909
	T. S. Palmer et al	Salaries	909
ar. 2	E. W. Nelson Vernon Bailey. T. S. Palmer et al E. A. Goldman W. W. Worthington C. Hart Merriam	Traveling expenses	70
11	W. W. Worthington	Birds' stomachs Traveling expenses Photo supplies Canvas bags	. (
	C. Hart Merriam	Traveling expenses	13
16	Delano & Moore	Photo supplies	
18	Delano & Moore. R. C. M. Burton & Son Church & Stephenson	Canvas bags	1
	Unuren & Stepnenson		6
	J. K. BISHOP.	Locks and wire	
	Chitren & Stephenson J. K. Bishop Rudolph, West & Co James S. Topham Joseph Clemmens P. B. Peabody Wright M. Pierce Jas. H. Gant. Win Worker	Canvas bags. Lumber Photo paper Locks and wire Leather Birds' stomachs	6
21	Togonh Clemmens	Birds' stomachs	
21	P R Poshody	do	1 2
	Wright M. Pierce	do	É
23	Jas. H. Gant	do Traveling expenses	126
24	Wm. Wagner	Shells, etc. Needle. Cotton, etc. Typewriter, etc.	ç
26	Wm. Wagner Z. D. Gilman Mackall Bros Underwood Typewriter Co	Needle	. 7

## Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. BIOLOGY-Continued.

Da	te.	· Name.	Nature of payment.	Total.
190	24			
Mar.		F. T. Hittell. The Atchison, Topeka and Santa Fe Rwy. Co. Virginia and Truckee R. R. Co. Vernon Bailey. Sherrod McClure Surber. E. A. Goldman. E. W. Nelson. T. S. Palmer et al.	Traveling expenses	\$15.50
Dicer		The Atchison, Topeka and Santa Fe Rwy. Co.	Passenger transportation	10.00
1		Virginia and Truckee R. R. Co	do	11.53
	31	Vernon Bailey	Salary	204.40
		Sherrod McClure Surber	do	50.00
		E. A. Goldman	do	136.30 191.60
		T. S. Palmer et al.	Salaries	963.00
		Total third quarter		7, 153. 1
Apr.	4	T. S. Palmer	Traveling expenses	13.08
	6	T. S. Palmer Alden Sampson	Services	6,00
	7	Jno. H. Gant	Traveling expenses	45.24 17.25
	9	Remington Typewriter Co	Repairs	17.25
		Tames P. Lambia Co. (Incomparated)	Salary. Excelsior. Birds' stomachs. Mammals.	3,00 1,19
	11	S. W. Browne	Birds' stomachs	. 40
	12	John T. Stewart	Mammals	4.00
	14	Rudolph, West & Co	Knife	6.00
	_	Mackall Bros	Corks. Powder, etc.	.41
	10	Wm. Wagner	Powder, etc	7. 20 1. 25
	18	Alden Sampson Jno. H. Gant Remington Typewriter Co. Paul Kroegel James B. Lambie Co. (Incorporated) S. W. Browne John T. Stewart Rudolph, West & Co. Mackall Bros. Wm. Wagner Louis Hartig Delano & Moore.	Photo supplies	9, SS
		Delano & Moore. F. P. May & Co. Postal Telegraph-Cable Co.	Powder, etc. Wire. Photo supplies. Traps. Telegraph service. Drawings. Passenger transportation.	6.00
		Postal Telegraph-Cable Co	Telegraph service	5.46
	19	Louis A. Fuertes The Chesapeake and Ohio Rwy. Co Cleveland, Cincinnati, Chicago and St. Louis	Drawings	100.00
	20	The Chesapeake and Ohio Rwy. Co	Passenger transportation	16.75 17.50
		Rwy.	do	17.50
•		Now York Control and Hudson Divor D P Co	do	6.00
		Pennsylvania R. R. Co.	do	10.00
		Pennsylvania R. R. Co. Canadian Pacific Rwy. Co. L. M. Brandt & Son. A. G. Maddren	do	91.88
	22	L. M. Brandt & Son.	Traps	2.00
	25 27	A. G. Maddren	Drawings	12.50 190.00
	21	Sieber & Trussell Manufacturing Co	Sheet holders	13.80
	28	Louis A. Fuertes Sieber & Trussell Manufacturing Co. The Chesapeake and Potomac Telephone Co. Wm. J. Hackmeier Varnor Beller	Sheet holders Telephone service Mammals	13.80 6.25
	29	Wm. J. Hackmeier	Mammals	3.00
	30	Vernon Bailey	Salary	197.80
		Wm. J. Hackmeier Vernon Bailey E. A. Goldman E. W. Nelson T. S. Palmer et al W. E. Snyder W. Otto Emerson Jas. H. Gant Thomas H. Jackson	salary do do do do do do do Salaries Birds' stomachs do Traveling expenses Birds Mammals	131.90 185.45
		T. S. Palmer et al.	Salaries.	936, 10
May		W. E. Snyder	Birds' stomachs	2.05
	6	W. Otto Emerson	do	4.50
	11 12	Jas. H. Gant	Traveling expenses	46, 30 1, 50
	13	Julius Friesser	Mammals	73.00
	10	United States Express Co.	Mammals. Transportation. Telegraph service. Jars.	22.15
		Western Union Telegraph Co	Telegraph service	22.15 12.49
	7.0	Woodward & Lothrop	Jars	6.00
	16	Delano & Moore	Velox	9.50
		Julius Friesser United States Express Co. Western Union Telegraph Co. Woodward & Lothrop Delano & Moore. Adams Express Co Rudolph, West & Co. Remington Typewriter Co. A. Rea. Will J. Farrington Frank Stephens. Multum in Parvo Binder Co. A. P. Wise. Andrew B. Graham. Church & Stephenson T. S. Palmer et al.	Velox. Transportation. Label holders	77.68 1.50
		Remington Typewriter Co	Cover	2,50
	18	A. Rea	Mammals	2.00
	10	Will J. Farrington	do	18.00
	19 20	Multum in Parvo Rinder Co	Rinders	15.00 1.50
	20	A. P. Wise	Binders Birds' stomachs Map Lumber	.90
	24	Andrew B. Graham	Map	35.00
	26	Church & Stephenson	Lumber	35.00 7.12
	31	T. S. Palmer et al.	Salaries	962.80
June	e 1	T. S. Palmer et al. Rufus B. Merchant E. W. Nelson	Salaries Map Salary do	3.20 191.60
- CALL		Vernon Railey	do	204.40
		E. A. Goldman Kenneth F. Beale Adams Express Co		136. 20 9. 75
	3	Kenneth F. Beale	Mammals Transportation Numbering machine	9.75
		Lamb & Tilden	Numbering machine	43.65 14.00
		Lamb & Tîlden Henry J. Green	Aneroid	39.50
		Henry J. Green. Louis A. Fuertes Wm. Wagner A. B. Klugh Jas. H. Gant. Mackall Bros.	Numbering machine. Aneroid. Drawings Shot, etc Birds' stomachs Traveling expenses Cotton. Memmals	150.00
	6	Wm. Wagner	Shot, etc.	11. 25
	0	A. B. Klugh	Birds' stomachs	2,45
	8 20	Jas. H. Gant.	Cotton	56. 85 9. 00
	20	C. P. Forge Folmer & Schwing Manufacturing Co.	Mammals	9.00 4.50
		Folmon & Cohming Monufacturing Co	Panaira to comore	72.95
		W. E. Snyder.	Birds' stomachs	2.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

BIOLOGY—Continued.

Date.	Name.	Nature of payment.	Total
1904.			
une 20	W. Silas Sheetz	Camera, etc.	\$83
	Jas. S. Topham Western Union Telegraph Co	Chest	\$83 10
	Western Union Telegraph Co	Telegraph service	2
	Wm. Wagner	Shells	17
29	Jas. S. Topham	Case	3
28	western Union Telegraph Co Wm. Wagner Jas. S. Topham Cyrus Catt Wm. Wagner John A. Morden Mackall Bros Henry Heil Chemical Co. Sylvester D. Judd T. S. Palmer et al	Mammals	13
	John A. Morden	Shells, etc. Birds' stomachs	19 5
	Mackall Bros	Tubes, etc.	43
	Henry Heil Chemical Co	Formalin	3
30	Sylvester D. Judd	Traveling expenses	11
	T. S. Palmer et al	Tubes, etc. Formalin Traveling expenses. Salaries.	936
	Total fourth quarter		5, 449
	Supplemental.		
uly 1	Vernon Bailey. E. A. Goldman N. Hollister S. McClure Surber E. W. Nelson Jas. H. Gant. T. S. Polmer	Salary	197
	E. A. Goldman	do	131
	N. Hollister	do	100 50
	E W Nelson	do	183
5	Jas. H. Gant	Traveling expenses	57
6	T. S. Palmer	do.	2
7	Church & Stephenson	Lumber	1
11	N. Hollister	Traveling expenses	123
18	Paul Kroegel	Salary	3
10	Is S Tonham	Chests	20
19	Library Bureau	Label holders	5
	B. V. Lilly.	Specimens	48
	A. H. Norton	Birds' stomachs	3
20	Queen & Co. (Incorporated)	Thermometer	1
20	E P May & Co	Passenger transportation	24 80
	Remington Typewriter Co	Overhauling typewriter	11
	Rudolph, West & Co	Locks	11
	F. A. Schmidt	Dividers	
	Woodward & Lothrop	Thread	
30	Great Northern Rwy. Co	Freight	5
ug. 3	Dalana & Maara	Freight Pliers Photo supplies Telephone service Traveling expenses	14
	Delano & Moore.  The Chesapeake and Potomac Telephone Co. E. A. Goldman.	Telephone service	1.5
6	E. A. Goldman	Traveling expenses	90
9	dodo.	do	150
16	Western Union Telegraph Co	do Telegraph service Specimen of mammals Birds' stomachs Ink, etc	4
17	M. A. Bishop	Specimen of mammals	5
	Goo F Muth & Co	Ink etc	9
18	A. Hanbold	Mammals	10
	Chas. A. Lambert	Mammals	5
29	do Western Union Telegraph Co. M. A. Bishop Jos. Clemens Geo. F. Muth & Co. A. Hanbold Chas. A. Lambert Delano & Moore The Geo. W. Knox Express Co. United States Express Co.	Photo supplies	59 27 2
	The Geo. W. Knox Express Co	Transportation	27
ept. 14	United States Express Co	00	61
19	St. Louis and San Francisco R. R. Co.	Passenger transportation	6
20	Adams Express Co.	Transportation	56
	Walker Weaver	Tanning skins	4.5
24	Church & Stephenson	Lumber	
90	Western Union Telegraph Co	Telegraph service	2 47
28	United States Express Codo. St. Louis and San Francisco R. R. Co Adams Express Co Walker Weaver. Church & Stephenson Western Union Telegraph Co Alaska Pacific Navigation Co Northern Pacific Rwy. Co	dodo.	50
	Total		1,731
first on	TotalRECAPITULA	TION.	1,7
econd	ıarter quarter uarter		\$8,583 7,131 7,153

## Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. BIOLOGY (PAID BY TREASURY).

Date.	Name.	Nature of payment.	Total.
1904. Jan. 15 Feb. 17 Mar. 4 Sept. 8	Southern Pacific Codododododododo.	do do Binding	\$87.70 25,35 102.95 6.80 25.00 161.70 62.80

## BIOLOGY, CARE OF GAME.

Date.	Name.	Nature of payment.	Total.
1904. June 1 11 27	Franklin T. Hittelldo Cyclone Woven Wire Fence Co	Traveling expenses	\$150.00 50.85 797.86

### PUBLICATIONS, FARMERS' BULLETINS.

-			
Date.	Name.	Nature of payment.	Total.
1903.			
July 31	R. M. Reese et al.	Salaries	\$645.07
Aug. 20	The Maurice Joyce Engraving Co	Engraving Salaries	6, 00 674, 10
Sept. 10	R. M. Reese et al. The Publishers and Printers Engraving Co	Engravings	4, 15
•	do	do	7.08
30	R. M. Reese et al	Salaries	630, 80
	Total first quarter		1,967.20
Oct. 2	R. B. Handy	Traveling expenses	59, 40
12	The Maurice Joyce Engraving Co	Engraving	11.90
23	E. J. Pullman	Prints	4.00
31	A. P. Johnson R. M. Reese et al	Blocks.	4.52
Nov. 13	The Maurice Joyce Engraving Co	Salaries Engravings	614, 10 16, 99
2.01110	do	do	.99
30	R. M. Reese et al. The Publishers and Printers Engraving Co	Salaries	551.80
Dec. 2	The Publishers and Printers Engraving Co	Engraving	18.00
	James M. Bryant		.75
3	John Tinkey	dodo	36, 00 25, 00
14	Jas. M. Bryant	Wood cut	15.00
	E. Heinemann	Engraving	30,00
	Jas. M. Bryant	Wood cut	17.50
17	J. Manz Engraving Co.		35.00
14	Jas. M. Bryant Geo. P. Bartle	dodo	82, 00 25, 00
	E. F. Katsch	do	15, 00
18	Baltimore and Ohio R. R. Co	Passenger transportation	20, 30
19	Charles S. Plumb	Manuscript	170.00
21 31	National Engraving Co.	Engraving	1,02
91	R. M. Reese et al.	.Salaries	665. 20
	Total second quarter		2,419.47
1904.			
Jan. 7	The Maurice Joyce Engraving Co	Engraving	6,79
8	do	do	28.59
12	do	do	13, 35
12 16	John Tinkey	do	14.03
10	Geo. P. Bartle	0D	30.00 48.00
	Geo. P. Bartle. The Publishers and Printers' Engraving Co	do	10.00
	do	do	8.28
	James M. Bryant	do	45.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

PUBLICATIONS, FARMERS' BULLETINS—Continued.

Data	Nome	X-4	ED - t - I
Date.	Name.	Nature of payment.	Total.
1904.	E. Heinemann. Jas. M. Bryant The Publishers and Printers' Engraving Co. J. Manz Engraving Co. The Publishers and Printers' Engraving Co. The Alpha Photo Engraving Co. The Alpha Photo Engraving Co. On He Maurice Joyce Engraving Co. Southern Printers' Supply Co. R. M. Reese et al. The Maurice Joyce Engraving Co. A. H. Baldwin. J. Manz Engraving Co. J. Manz Engraving Co. Jas. M. Bryant John Tinkey. The Publishers and Printers' Engraving Co. Jas. M. Bryant Southern Printers' Supply Co. The Maurice Joyce Engraving Co. Jas. M. Bryant Southern Printers' Supply Co. The Maurice Joyce Engraving Co. J. Manz Engraving Co. J. Manz Engraving Co. The Mublishers and Printers' Engraving Co. J. Manz Engraving Co. John Tinkey. Southern Printers' Supply Co Geo. P. Bartle. The Publishers and Printers' Engraving Co. do. J. Manz Engraving Co. Southern Printers' Supply Co Geo. P. Bartle. The Publishers and Printers' Engraving Co. do. J. Manz Engraving Co. Southern Printers' Supply Co. Go. J. Manz Engraving Co. John Tinkey. A. H. Baldwin J. Manz Engraving Co. John Tinkey A. H. Baldwin J. Manz Engraving Co. R. M. Reese et al. Total third quarter.	The annual and	200,00
Jan. 25 26	E. Heinemann Jas. M. Bryant	Engraving	\$20.00
20	The Publishers and Printers' Engraving Co	do	50.00 52.81
29	J. Manz Engraving Co.	do	5.00
	The Alpha Photo Engraving Co	do	8,75 3.00
	The Maurice Jovce Engraving Co.	do	30.67
	do	do	3.15
31	Southern Printers' Supply Co	Electros	.30 723.35
Feb. 9	The Maurice Joyce Engraving Co.	Engraving	3.04
	A. H. Baldwin	Drawings	43.00
12	L Mang Engraphing Ca	Tilled to the time	9.00
12	Alpha Photo Engraving Co	Engraving	3.50 2.00
	Jas. M. Bryant	do	89.50
	John Tinkey	do	35.00
23	do	do	5.64 13.98
20	J. Manz Engraving Co.	do	3.50
	do	do	3.50
24	Jas. M. Bryant	Floatros	48.00 5.50
21	The Maurice Jovce Engraving Co.	Engraving	17.49
	W. Bowyer Pain	Drawings	12.00
Mar. 4	R. M. Reese et al.	Salaries	734.40 4.25
Mar. 4	J. Manz Engraving Co	do do	31.00
-	The Publishers and Printers' Engraving Co	do	1.75
11	John Tinkey	do	18.00
11 17	W Rowyer Pain	Drawings	1.50 18.00
18 21	Southern Printers' Supply Co	Electro.	. 25
21	Geo. P. Bartle	Engraving	91.28
	The Publishers and Printers' Engraving Co	do	24.47 10.50
	do	do	17.50 28.00
00	J. Manz Engraving Co.	do	28.00
22	Southern Printers' Supply Co	Electros	. 60
24	John Tinkey	Engraving	.90 37.00
26	A. H. Baldwin	Drawings	15.00
28	J. Manz Engraving Co	Engravings	14.50 11.50
31	R. M. Reese et al.	Salaries.	832.80
	m		0.000.00
	Total third quarter	••••••	3,288.92
Apr. 9	The Maurice Joyce Engraving Co	Engraving	3.15
11	Gatchel & Manning	do	4.25
12	The Publishers and Printers' Engraving Co	do	7.00
	J. Manz Engraving Co.	do	7.00 36.25 2.25
14	The M. Joyce Engraving Co	do	2.25
19	Scientific Engraving Co	do	.90 10.00
28	Jas. M. Bryant.	do	34.00
30	R. M. Reese et al.	Salaries	813.70
May 4	do	rugraving	24.00 24.00
13	The Maurice Joyce Engraving Co	do.	1.50
	Total third quarter.  The Maurice Joyce Engraving Co Gatchel & Manning. The Publishers and Printers' Engraving Co do. J. Manz Engraving Co do. Scientific Engraving Co As. M. Bryant. R. M. Reese et al. J. Manz Engraving Co do. The Maurice Joyce Engraving Co do. The Maurice Joyce Engraving Co do. J. Manz Engraving Co The Publishers and Printers' Engraving Co. A. H. Kirkland. Geo. E. Howard. R. M. Reese et al. T. F. McGrew. Gatchel & Manning. The Maurice Joyce Engraving Co J. Manz Engraving Co U. Manz Engraving Co Go. J. Manz Engraving Co J. Manz Engraving Co W. Bowyer Pain. Maria Parloa. Wm. E. Rice. R. M. Reese. Total fourth quarter.	do	2.25
19 20	The Publishers and Printers' Engraving Co	00	15.00 1.75
20 23	A. H. Kirkland	Manuscript	1.75 $65.00$
24	Geo. E. Howard	Drawings	100.00
June 11	T. F. McGrew	Manuscript	832.60 150.00
20	Gatchel & Manning	Maps	19.20
	The Maurice Joyce Engraving Co	Engraving	3.00
	J. Manz Engraving Co.	do	.90 35.00
	W. Bowyer Pain.	Drawings	12.00
	Maria Parloa	Article for publication	150.00
30	WIII. E. Kite.	Manuscript	30.00 784.00
90	100 211 100000	CHARLE TOO	.01.00
	Total fourth quarter		3, 168. 70

## $\label{eq:expenditures} \textit{Expenditures of the Department of Agriculture for fiscal year ending June~30, 1904--Cont'd.}$

### PUBLICATIONS, FARMERS' BULLETINS—Continued.

Date.	Name.	Nature of payment.	Total.
1904. July 19 20	Supplemental.  J. Manz Engraving Co. The Publishers and Printers' Engraving Co. The M. Joyce Engraving Co. do. Total	Engravings. do. do. do.	\$16.00 6.00 2.16 .75 24.91

#### RECAPITULATION.

REGILLION.	
Total first quarter	2,419.47 3,288.92
Total fourth quarter Total supplemental.	3, 168, 70
Total	

#### PAID BY TREASURY.

Date.	Name.	Nature of payment.	Total.
1903. Sept. 21	The Public Printerdo		\$2,721.27 125.62
Oct. 26	do	do	996.74 3,043.95
Jan. 15	do	do	4,081.61 2,340.02 5,787.74
Feb. 10	do do do	do do do	2,219.02 4,675.59 4,345.28
Mar. 4	do do do	do	979. 99 3, 375. 40 2, 066. 61
Apr. 14	do. do. do.	dodo	3,098.40 4,424.64 4,494.25 4,840.68
June 20	dodododo.	dodo	4,472.49 2,535.97 5,065.59
	do do do	dodo	3,892.58 4,686.26 3,092.33
Sept. 8	do do do do	dodo.	3, 233. 40 1, 519. 69 2, 368. 83 2, 768. 64
sept. o	do do do	do	2, 763. 22 2, 763. 22 2, 504. 85 1, 381. 70
	Total		93,902.36

### ARTISTS, ETC.

Date.	Name.	Nature of payment.	Total.
1903. July 22 31 Aug. 1 14 19 31 Sept. 21	The Publishers and Printers' Engraving Co L. S. Williams et al. L. L. Howenstein. The Maurice Joyce Engraving Co. The Publishers and Printers' Engraving Co L. S. Williams et al. Fred A. Schmidt Southern Printers' Supply Co.	Engraving , do Salaries	\$9.50 784.21 104.00 .93 6.25 916.80 4.50 2.20

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. ARTISTS, ETC.—Continued.

Date.	Name.	Nature of payment.	Total.
4000			
1903. Sept. 24	Delano & Moore	Photo supplies	\$45.90
30	Delano & Moore Queen & Co. (Incorporated) L. S. Williams et al	Chemicals	2.16 898.40
30	Total first quarter	Salaries	2,774.85
0.4 10	•		
Oct. 12	Fred A. Schmidt The Maurice Joyce Engraving Codo	Artist's materials Engraving	9.89 2.46
	do	do	112.20 .75
21	Mallinckrodt Chemical Works. The Publishers and Printers' Engraving Co.	dodo	0.40
22	The Publishers and Printers' Engraving Co		1.75 7.05
31	L. S. Williams et al. Southern Printers' Supply Co. Rand, McNally & Co. Mackall Bros. L. S. Williams et al. Delane & Moore	Graduates Salaries Electro	989.40
Nov. 13	Rand, McNally & Co	Maps	. 25 1. 71
- 21	Mackall Bros	Chemicals Salaries Photo supplies	13.56
Dec. 1	Delano & Moore		850.41 7.01
	do	do Blue print paper Blocks	28.30
$\frac{2}{2}$	Fred A. Schmidt A. P. Johnson	Blocks.	1.80 3.40
3	Rand, McNally & Co.	Maps.	2.46
11 14	Rand, McNally & Co Fred. A. Schmidt National Electrical Supply Co. A. P. Johnson	Maps. Blueprint paper Carbons. Blocks.	. 10 2. 79
17	A. P. Johnson	Blocks.	7.30 .75
26	The Maurice Joyce Engraving Co. E. C. Chilcott.	Engraving Manuscript do Ether	90.00
29	James H. Shepard Mackall Bros	do	48. 00 15. 75
31	L. S. Williams et al.	Salaries	865. 12
	Total second quarter	•	3,082.42
1904.			
Jan. 7	Delano & Moore	Camera, etc	34.08
8	Fred. A. Schmidt	Photo supplies	8.59 3.50
	do	Artists' materials Blueprint paper Engraving do Silver nitrate Paraffin	4.00
	The Maurice Joyce Engraving Codo	Engravingdo	. 75 1. 75
14	Mallinckrodt Chemical Works Queen & Co. (Incorporated) A. P. Johnson. John C. Bauer	Silver nitrate	43.60
16	A. P. Johnson	Blocks	4.20
26	John C. Bauer	Ink. Photo supplies.	2.66 94.47
	John C. Bauer Delano & Moore W. Bowyer Pain Southern Printers Supply Co W. Bowyers Pain L. S. Williams et al Geo. F. Muth W. Bowyer Pain Z. D. Gilman E. Morrison Paper Co L. S. Williams et al Delano & Moore Southern Printers Supply Co.	Drawings	15.00
29	Southern Printers Supply Co	Drawings Electros Drawings	. 75 12. 00
31	L. S. Williams et al.	Salaries	683, 18
Feb. 9	Geo. F. Muth W. Bowyer Pain	Salaries Glass cutter, etc Drawings	4. 45 25. 00
	Z. D. Gilman	Tubing	1.44
24 29	E. Morrison Paper Co	Paper Salaries Photo supplies	. 50 640. 62
Mar. 3	Delano & Moore	Photo supplies	73. 17
11 16	Delano & Moore. Southern Printers Supply Co. Delano & Moore. Fred. A. Schmidt. Southern Printers Supply Co. The Maurice Joyce Engraving Co. Frederick Carl. Fred. A. Schmidt. L. S. Williams.	Electros. Photo supplies Paste	. 50 11. 01
22	Fred. A. Schmidt.	Paste	. 90
	The Maurice Joyce Engraving Co	Electro Engraving	2.07
29	Frederick Carl	Engraving Repairs to section liner Drawing paper	1.50 17.50
31	L. S. Williams.	Salaries	586. 20
	Total third quarter		2, 274. 54
Apr. 9	The Maurice Joyce Engraving Co	Engraving	2.38
	Fred. A. Schmidt Mallinckrodt Chemical Works The Publishers and Printers Engraving Co. Fred. A. Schmidt The Maurice Joyce Engraving Co.	Artists' materials	. 50 36. 13
12	Mallinckrodt Chemical Works	Chemicals	4.66 22.47
14	Fred. A. Schmidt.	Engravings Repairs to compass Engraving	. 80
15	The Maurice Joyce Engraving Co	Engraving Salary	1. 35 30. 00
29	Delano & Moore	Photo supplies.	54.73 32.50
30	Julia E. Bullock. Delano & Moore. Julia E. Bullock. L. S. Williams et al.	Engraving. Salary Photo supplies. Salary Salaries. Solar bromide Engraving.	504.30
May 4	Eastman Kodak Co	Solar bromide	22. 85 2. 68
13	The Maurice Joyce Engraving Co	ragraving	2.08

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. ARTISTS, ETC.—Continued.

Dε	ate.	Name.	Nature of payment.	Total.
June	14 19 20 24	The Maurice Joyce Engraving Co. Fred. A. Schmidt. E. Morrison Paper Co. Julia E. Bullock. Fred. A. Schmidt. Southern Printers Supply Co. The Maurice Joyce Engraving Co. Delano & Moore. A. P. Johnson. Fred. A. Schmidt. Julia E. Bullock. L. S. Williams et al. Mackall Bros. Mallinckrodt Chemical Works. Julia E. Bullock. Delano & Moore. The Maurice Joyce Engraving Codo. Fred. A. Schmidtdo. Wm. H. Rupp Co. Scientific Engraving Co. L. S. Williams et al.	Engraving Blueprint paper Cardboard Salary Pens Electro Wood backing Photo supplies Block Bloek Blueprint paper Salary Salaries Chemicals do Services Photo supplies Cuts Engraving Paper Blueprint paper Scrapbooks Engravings Salaries	\$1. 74 3. 60 7. 25 30. 00 4. 43 3. 60 3. 00 8. 18 2. 75 3. 60 30. 00 402. 20 6. 90 2. 60 32. 50 2. 45 3. 00 33. 50 6. 90 12. 80 12. 80 10. 00 458. 52
July	14 18 20	Total fourth quarter  Supplemental.  Delano & Moore	Photo supplies	92. 63 12. 30 4. 20 . 75 . 38
RECAPITULATION.  Total first quarter Total second quarter Total third quarter Total fourth quarter Total supplemental  Total			\$2,774.85 3,082.42 2,274.54 1,750.42 110.26	

#### LABOR, ETC.

Date.	Name.	Nature of payment.	Total.
1903. July 15 16 24 25 27 Aug. 10 19 20 Sept. 4 9 10 30	United States Envelope Co Shore's Tire and Bicycle Hospital. Densmore Typewriter Co. American Cycle Manufacturing Co. C. Becker. Geo. Meier United States Envelope Co. H. S. Waiter et al. Tyler & Rutherford (Incorporated) Yawman & Erbe Manufacturing Co. Geo. W. Millar & Co. The Elliott Co. Lamb & Tilden W. B. Moses & Sons H. S. Waiter et al. G. W. Millar & Co. Yawman & Erbe Manufacturing Co. Tyler & Rutherford (Incorporated) United States Envelope Co. J. P. Nawrath. Minerva S. Danforth H. S. Walter et al.	Repairs Typewriter Repairs to bicycle Repairs Gum arabic Envelopes Salaries Rent Section, etc Manila Steneil blanks, etc Ink Linoleum Salaries Paper Cards Rent Envelopes	80, 50 28 1, 50 80, 00 43, 00 6, 067, 90 116, 66 14, 00 450, 00 15, 75 3, 00 3, 30
	Total first quarter		20,919.63

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. LABOR, ETC.—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Oct. 2			
Oct. 2	Chas. Shore	Repairs to bicycle	\$7.50
8	John C. Parker	Copier paper	\$7.50 32.50
10	Tyler & Rutherford	Rent	116.66
12	C Rocker	Repairs to buckle Copier paper Rent Lumber Broom and oil Brass Brushes Repairs to machine.	52. 25 1. 30
	Thos. E. Trazzare	Brass	2.00
12	Hugh Reilly	Brushes	2.00 6.00
	J. Baumgarten & Sons	Repairs to machine	1.40
23	Thos. R. Riley	Lumber Hardware	17.69
31	H S Welter et al	Salaries	4.34 5,904.45
Vov. 21	Wm. H. Rupp Co	Folders	4. 50
101121	W. B. Moses & Sons	Desk	12. 75
	Tyler & Rutherford (Incorporated)	Desk Rent	116.66
	H. S. Walter et al.	Salaries	5, 764. 93
Dec. 1	Woodward & Lothrop	Desks	42. 13
	Geo F Muth & Co	Desks Hardware Lead	7.43
	Densmore Typewriter Co.	Repairs	. 80 4. 60
	James B. Lambie Co	Brads	. 24
2	National Electric Supply	Parts of camera stand Repairs to machine	18.00
	J. Baumgarten & Sons	Repairs to machine	1, 502. 20
	United States Envelope Co	Envelopes do Panel	1,502.20 270.00
	Wm H Dver	Ponel	3.25
5	Tyler & Rutherford (Incorporated)	Rent	116.66
10	Underwood Typewriter Co	Stands	8, 50
17 21	Rudolph, West & Co	Umbrella stand, etc	3. 90 132. 99
21 29	John C. Parker	Envelopes	132.99
31	H S Walter et al	Stands Umbrella stand, etc Envelopes Lumber Salaries	32.80 5,846.02
31	Chas. Shore. John C. Parker Tyler & Rutherford. Church & Stephenson C. Becker. Thos. E. Trazzare. Hugh Reilly J. Baumgarten & Sons. Thos. R. Riley. Rudolph, West & Co. H. S. Walter et al. Wm. H. Rupp Co. W. B. Moses & Sons Tyler & Rutherford (Incorporated) H. S. Walter et al. Woodward & Lothrop. Rudolph, West & Co. Geo. F. Muth & Co. Densmore Typewriter Co. James B. Lambie Co. National Electric Supply. J. Baumgarten & Sons. United States Envelope Co. do. Wm. H. Dyer Tyler & Rutherford (Incorporated) Underwood Typewriter Co. Rudolph, West & Co. Gondo. Wm. H. Dyer Tyler & Rutherford (Incorporated) Underwood Typewriter Co. Rudolph, West & Co. John C. Parker. Church & Stephenson. H. S. Walter et al. Total second quarter	Salaties	
	Total second quarter		20, 034. 70
1904.		~ .	-
an. 14 16	Yawman & Erbe Manufacturing Co	Cards Yearbooks	47. 50
18	W B Moses & Sons	Cloth	2.60 6.75
10	United States Envelope Co.	Envelopes	532.00
19	H. P. Hottenstein	Services	21. 43
22	H. P. Hottenstein	Envelopes Services Rent.	21. 43 116. 66
19 22 26	H. P. Hottenstein.  Tyler & Rutherford (Incorporated)  Church & Stephenson.	Services Rent Lumber	21, 43 116, 66 33, 50
22	H. P. Hottenstein	Services. Rent. Lumber do Reskets etc	21, 48 116, 66 33, 50 8, 53
22 26 27	Yawman & Froe Manufacturing Co. B. W. Huebsch. W. B. Moses & Sons. United States Envelope Co. H. P. Hottenstein. Tyler & Rutherford (Incorporated) Church & Stephenson. do. Chas. R. Edmonston. Hugh Reilly	Services Rent Lumberdo Baskets, etc. Glue	21. 45 116. 66 33. 50 8. 53 5. 95 2. 00
22 26	H. P. Hottenstein Tyler & Rutherford (Incorporated) Church & Stephenson do. Chas. R. Edmonston. Hugh Reilly Chas. Shore	Services Rent Lumberdo Baskets, etc. Glue Repairs to bicycles	21. 45 116. 60 33. 50 8. 53 5. 95 2. 00 1. 50
22 26 27	H. P. Hottenstein. Tyler & Rutherford (Incorporated) Church & Stephensondo. Chas. R. Edmonston. Hugh Reilly Chas. Shore. C. Becker	Services Rent Lumber do Baskets, etc Glue Repairs to bicycles Harness dressing, etc	21, 45 116, 66 33, 50 8, 53 5, 95 2, 00 1, 50 5, 55
22 26 27 29	H. P. Hottenstein. Tyler & Rutherford (Incorporated) Church & Stephenson. do. Chas. R. Edmonston. Hugh Reilly Chas. Shore C. Becker. Geo. F. Muth & Co.	Services Rent Lumber do Baskets, etc Glue Repairs to bicycles Harness dressing, etc Glass Salorice	21. 45 116. 66 33. 50 8. 55 5. 98 2. 00 1. 50 5. 58
22 26 27 29 31	Chas. Shore C. Becker. Geo. F. Muth & Co	Repairs to bicycles Harness dressing, etc	21. 45 116. 66 33. 50 8. 55 5. 98 2. 00 1. 50 5. 58
22 26 27 29 31	Chas. Shore C. Becker. Geo. F. Muth & Co. H. S. Walter et al. Tyler & Rutherford (Incorporated).	Repairs to bicycles Harness dressing, etc. Glass. Salaries Rent. Sactions	21, 44 116, 66 33, 56 8, 55 5, 99 2, 00 1, 56 5, 54 4, 56 5, 949, 07 116, 66 48, 78
22 26 27 29 Feb. 31 12 23	Chas. Shore C. Becker. Geo. F. Muth & Co. H. S. Walter et al. Tyler & Rutherford (Incorporated).	Repairs to bicycles Harness dressing, etc. Glass. Salaries Rent. Sactions	21, 44 116, 66 33, 55 8, 52 5, 94 2, 00 1, 56 5, 54 4, 50 116, 66 48, 73 540, 00
22 26 27 29 31 Feb. 8 12	Chas. Shore C. Becker. Geo. F. Muth & Co. H. S. Walter et al. Tyler & Rutherford (Incorporated).	Repairs to bicycles Harness dressing, etc. Glass. Salaries Rent. Sactions	21, 44 116, 66 33, 55 8, 52 5, 94 2, 00 1, 56 5, 54 4, 50 116, 66 48, 73 540, 00
22 26 27 29 Feb. 31 12 23	Chas. Shore C. Becker. Geo. F. Muth & Co. H. S. Walter et al. Tyler & Rutherford (Incorporated).	Repairs to bicycles Harness dressing, etc Glass Salaries Rent Sections Envelopes Paste cups Typewriters and covers	21, 44 116, 66 33, 56 8, 53 5, 94 2, 00 1, 56 5, 54 4, 56 5, 949, 07 116, 66 48, 73 540, 00 17, 40 184, 56
22 26 27 29 Feb. 31 12 23	Chas. Shore C. Becker Geo. F. Muth & Co. H. S. Walter et al Tyler & Rutherford (Incorporated) Yawman & Erbe Manufacturing Co. United States Envelope Co. Rudolph, West & Co. Remington Typewriter Co. C. A. Muddimen & Co.	Repairs to bicycles Harness dressing, etc Glass Salaries Rent Sections Envelopes Paste cups Typewriters and covers Gas stove	21, 44 116, 66 33, 56 8, 53 5, 94 2, 00 1, 56 5, 54 4, 56 5, 949, 07 116, 66 48, 73 540, 00 17, 40 184, 56
22 26 27 29 Feb. 31 12 23	Chas. Shore C. Becker Geo. F. Muth & Co. H. S. Walter et al Tyler & Rutherford (Incorporated) Yawman & Erbe Manufacturing Co. United States Envelope Co. Rudolph, West & Co. Remington Typewriter Co. C. A. Muddimen & Co.	Repairs to bicycles Harness dressing, etc Glass Salaries Rent Sections Envelopes Paste cups Typewriters and covers Gas stove	21, 45 116. 66 33. 56 8. 55 5. 96 2. 00 1. 56 5. 55 4. 57 5. 949. 07 116. 66 48. 77 540. 00 17. 44 184. 55 2. 30 27. 00 15. 77
22 26 27 29 Feb. 8 12 23 24	Chas. Shore C. Becker Geo. F. Muth & Co. H. S. Walter et al Tyler & Rutherford (Incorporated) Yawman & Erbe Manufacturing Co. United States Envelope Co. Rudolph, West & Co. Remington Typewriter Co. C. A. Muddimen & Co.	Repairs to bicycles Harness dressing, etc Glass Salaries Rent Sections Envelopes Paste cups Typewriters and covers Gas stove	21, 44 116, 66 33, 56 8, 55 5, 94 1, 56 5, 54 4, 56 5, 949, 07 116, 66 48, 77 540, 00 17, 40 184, 56 27, 00 15, 77 5, 816, 66
22 26 27 29 Feb. 31 12 23 24	Chas. Shore C. Becker Geo. F. Muth & Co. H. S. Walter et al Tyler & Rutherford (Incorporated). Yawman & Erbe Manufacturing Co. United States Envelope Co. Rudolph, West & Co. Remington Typewriter Co. C. A. Muddiman & Co. W. B. Moses & Sons. Remington Typewriter Co. H. S. Walter et al.	Repairs to bicycles Harness dressing, etc Glass Salaries Rent Sections Envelopes Paste cups Typewriters and covers Gas stove Pesks Adjusting typewriter Salaries	21, 4: 116, 6: 33, 5: 8, 5: 5, 9: 2, 00 1, 5: 5, 54, 5: 5, 949, 0' 116, 6: 48, 7: 540, 00 17, 44 184, 5: 2, 3: 27, 00 15, 7: 5, 816, 6: 1, 2: 1, 2:
22 26 27 29 Feb. 8 12 23 24 Mar. 2	Chas. Shore C. Becker Geo. F. Muth & Co. H. S. Walter et al Tyler & Rutherford (Incorporated). Yawman & Erbe Manufacturing Co. United States Envelope Co. Rudolph, West & Co. Remington Typewriter Co. C. A. Muddiman & Co. W. B. Moses & Sons. Remington Typewriter Co. H. S. Walter et al.	Repairs to bicycles Harness dressing, etc Glass Salaries Rent Sections Envelopes Paste cups Typewriters and covers Gas stove Pesks Adjusting typewriter Salaries	21. 44 116. 66 33. 56 8. 55 5. 99 2. 00 1. 56 5. 54 4. 57 5. 949. 07 116. 66 48. 77 540. 00 17. 44 184. 56 2. 30 27. 00 15. 77 5, 816. 67 1. 122 10. 10. 10. 10. 10.
22 26 27 29 Feb. 8 12 23 24	Chas. Shore C. Becker Geo. F. Muth & Co. H. S. Walter et al Tyler & Rutherford (Incorporated). Yawman & Erbe Manufacturing Co. United States Envelope Co. Rudolph, West & Co. Remington Typewriter Co. C. A. Muddiman & Co. W. B. Moses & Sons. Remington Typewriter Co. H. S. Walter et al.	Repairs to bicycles Harness dressing, etc Glass Salaries Rent Sections Envelopes Paste cups Typewriters and covers Gas stove Pesks Adjusting typewriter Salaries	21. 4' 116. 66 33. 55 99 2. 00 1. 55 5. 54 4. 56 5, 949. 0' 116. 6' 48. 7' 540. 00 15. 7' 5, 116. 116. 116. 116. 116. 116. 116. 116
22 26 27 29 Feb. 31 12 23 24 Mar. 29 3	Chas. Shore C. Becker Geo. F. Muth & Co. H. S. Walter et al Tyler & Rutherford (Incorporated). Yawman & Erbe Manufacturing Co. United States Envelope Co. Rudolph, West & Co. Remington Typewriter Co. C. A. Muddiman & Co. W. B. Moses & Sons. Remington Typewriter Co. H. S. Walter et al.	Repairs to bicycles Harness dressing, etc Glass Salaries Rent Sections Envelopes Paste cups Typewriters and covers Gas stove Pesks Adjusting typewriter Salaries	21. 4' 116. 66 33. 55 5. 99 2. 00 1. 55 5. 54 4. 55 5, 949. 0' 116. 66 48. 7' 540. 00 15. 7' 5, 816. 6' 11. 22 10. 00 116. 66 12. 30 12. 30 13. 30 14. 30 15. 7' 15. 816. 6' 16. 60 17. 40 18. 50 18.
22 26 27 29 Feb. 8 12 23 24	Chas. Shore C. Becker Geo. F. Muth & Co. H. S. Walter et al Tyler & Rutherford (Incorporated). Yawman & Erbe Manufacturing Co. United States Envelope Co. Rudolph, West & Co. Remington Typewriter Co. C. A. Muddiman & Co. W. B. Moses & Sons. Remington Typewriter Co. H. S. Walter et al.	Repairs to bicycles Harness dressing, etc Glass Salaries Rent Sections Envelopes Paste cups Typewriters and covers Gas stove Pesks Adjusting typewriter Salaries	21. 4' 116. 66 33. 55 5. 99 2. 00 1. 55 5. 54 4. 55 5, 949. 0' 116. 66 48. 7' 540. 00 15. 7' 5, 816. 6' 11. 22 10. 00 116. 66 12. 30 12. 30 13. 30 14. 30 15. 7' 15. 816. 6' 16. 60 17. 40 18. 50 18.
22 26 27 29 31 Feb. 8 12 23 24 Mar. 2	Chas. Shore C. Becker Geo. F. Muth & Co. H. S. Walter et al Tyler & Rutherford (Incorporated). Yawman & Erbe Manufacturing Co. United States Envelope Co. Rudolph, West & Co. Remington Typewriter Co. C. A. Muddiman & Co. W. B. Moses & Sons. Remington Typewriter Co. H. S. Walter et al.	Repairs to bicycles Harness dressing, etc Glass Salaries Rent Sections Envelopes Paste cups Typewriters and covers Gas stove Pesks Adjusting typewriter Salaries	21. 4' 116. 66 33. 5.5 8.5 5.9' 2. 00 1. 5.5 5.5 4.5 5.5 5.949. 0' 116. 66 48. 7' 540. 00 116. 66 1. 22 7. 00 116. 66 1. 22 7. 1, 584. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
22 26 27 29 Feb. 8 12 23 24 Mar. 2 3 5 24	Chas. Shore C. Becker Geo. F. Muth & Co. H. S. Walter et al Tyler & Rutherford (Incorporated). Yawman & Erbe Manufacturing Co. United States Envelope Co. Rudolph, West & Co. Remington Typewriter Co. C. A. Muddiman & Co. W. B. Moses & Sons. Remington Typewriter Co. H. S. Walter et al.	Repairs to bicycles Harness dressing, etc Glass Salaries Rent Sections Envelopes Paste cups Typewriters and covers Gas stove Pesks Adjusting typewriter Salaries	21. 4' 116. 6( 33. 5( 8. 5: 5. 99. 2. 0( 1. 5: 5. 549. 0' 116. 6( 48. 7' 5. 40. 0( 15. 7: 5. 816. 6( 2. 7: 1, 584. 1: 10. 0( 8. 0( 8. 0) 15. 0. 16. 0. 17. 4( 18. 0. 18. 0. 18. 0. 18. 0. 18. 0. 18. 0. 18. 0. 18. 0. 18. 0.
22 26 27 29 28 12 23 24 Mar. 29 2 3 5 24	Chas. Shore C. Becker Geo. F. Muth & Co. H. S. Walter et al Tyler & Rutherford (Incorporated). Yawman & Erbe Manufacturing Co. United States Envelope Co. Rudolph, West & Co. Remington Typewriter Co. C. A. Muddiman & Co. W. B. Moses & Sons. Remington Typewriter Co. H. S. Walter et al.	Repairs to bicycles Harness dressing, etc Glass Salaries Rent Sections Envelopes Paste cups Typewriters and covers Gas stove Pesks Adjusting typewriter Salaries	21. 4: 116. 6: 33. 5: 5. 9: 2. 0: 1. 5: 5: 5. 5: 5. 949. 0' 116. 6: 48. 7: 540. 0: 17. 44. 184. 5: 2. 3: 2. 7: 0: 10. 0: 116. 6: 2. 7: 1, 584. 1: 14. 0: 8. 0: 15. 0: 2. 5: 10. 0: 2. 7: 2. 1. 584. 1: 2. 10. 0: 2. 7: 2. 10. 0: 2. 7: 2. 10. 0: 2. 7: 2. 10. 0: 2. 7: 2. 10. 0: 2. 7: 2. 10. 0: 2. 7: 2. 10. 0: 2. 7: 2. 10. 0: 2. 7: 2. 10. 0:
22 26 27 29 28 31 8 12 23 24 Mar. 29 3 5 24	Chas. Shore C. Becker Geo. F. Muth & Co. H. S. Walter et al Tyler & Rutherford (Incorporated). Yawman & Erbe Manufacturing Co. United States Envelope Co. Rudolph, West & Co. Remington Typewriter Co. C. A. Muddiman & Co. W. B. Moses & Sons. Remington Typewriter Co. H. S. Walter et al.	Repairs to bicycles Harness dressing, etc Glass Salaries Rent Sections Envelopes Paste cups Typewriters and covers Gas stove Pesks Adjusting typewriter Salaries	21. 43 116. 66
22 26 27 29 28 Feb. 8 12 23 24 Mar. 29 24 28 28 29	Chas. Shore C. Becker C. Becker Geo. F. Muth & Co. H. S. Walter et al Tyler & Rutherford (Incorporated). Yawman & Erbe Manufacturing Co. United States Envelope Co. Rudolph, West & Co. Remington Typewriter Co. C. A. Muddiman & Co. W. B. Moses & Sons. Remington Typewriter Co. H. S. Walter et al. Chas. Shore do. Tyler & Rutherford. James B. Lambie Co. United States Envelope Co. Lamb & Tilden. George Meier & Co. The Pullman Automatic Ventilating Co. J. H. Bunnell & Co. Estate John C. Parker. H. S. Walter et al.	Repairs to bicycles Harness dressing, etc Glass Salaries Rent Sections Envelopes Paste cups Typewriters and covers Gas stove Desks Adjusting typewriter Salaries Repairs to bicycle do Rent Pliers, etc Envelopes Numbering machine Gum arabie Ventilators Shades Pan roller Salaries	21. 4' 116. 66 33. 5.5 5.9 92 2. 00 1. 5.5 5. 5.5 5. 5.5 5. 5.949. 0' 116. 6' 48. 7' 5.40. 00 15. 7' 5. 816. 6' 2. 7' 1, 884. 1' 14. 0' 8. 00 15. 7' 1. 84. 1' 15. 80. 0' 2. 5. 80. 0' 2. 5. 80. 0' 2. 5. 80. 0' 2. 5. 80. 0' 2. 5. 80. 0' 2. 5. 80. 0' 2. 5. 80. 0' 2. 5. 80. 0' 2. 5. 80. 0' 2. 5. 80. 0' 2. 5. 80. 0' 2. 5. 80. 0' 2. 5. 80. 0' 2. 80.
22 26 27 29 28 12 23 3 24 Mar. 29 2 3 5 24 28 29 31	Chas. Shore C. Becker C. Becker Geo. F. Muth & Co. H. S. Walter et al Tyler & Rutherford (Incorporated). Yawman & Erbe Manufacturing Co. United States Envelope Co. Rudolph, West & Co. Remington Typewriter Co. C. A. Muddiman & Co. W. B. Moses & Sons Remington Typewriter Co. H. S. Walter et al. Chas. Shoredo Tyler & Rutherford James B. Lambie Co. United States Envelope Co. Lamb & Tilden. George Meier & Co. The Pullman Automatic Ventilating Co. J. H. Bunnell & Co. Estate John C. Parker H. S. Walter et al. Total third quarter.	Repairs to bicycles Harness dressing, etc Glass Salaries Rent Sections Envelopes Paste cups Typewriters and covers Gas stove Pesks Adjusting typewriter Salaries Repairs to bicycle do Rent Pliers, etc Envelopes Numbering machine Gum arabic Ventilators Shades Pan roller Salaries	21. 4: 116. 6: 33. 5: 5. 9: 2. 0: 1. 5: 5. 5: 5. 949. 0' 116. 6: 48. 7: 540. 0: 17. 44 184. 5: 2. 7: 5. 816. 6: 1. 2: 10. 0: 116. 6: 8. 0: 8. 0: 8. 0: 8. 0: 5. 789. 6: 21, 051. 2:
22 26 27 29 28 31 29 29 40 40 40 40 40 40 40 40 40 40 40 40 40	Chas. Shore C. Becker C. Becker Geo. F. Muth & Co. H. S. Walter et al Tyler & Rutherford (Incorporated). Yawman & Erbe Manufacturing Co. United States Envelope Co. Rudolph, West & Co. Remington Typewriter Co. C. A. Muddiman & Co. W. B. Moses & Sons Remington Typewriter Co. H. S. Walter et al. Chas. Shoredo Tyler & Rutherford James B. Lambie Co. United States Envelope Co. Lamb & Tilden. George Meier & Co. The Pullman Automatic Ventilating Co. J. H. Bunnell & Co. Estate John C. Parker H. S. Walter et al. Total third quarter.	Repairs to bicycles Harness dressing, etc Glass Salaries Rent Sections Envelopes Paste cups Typewriters and covers Gas stove Pesks Adjusting typewriter Salaries Repairs to bicycle do Rent Pliers, etc Envelopes Numbering machine Gum arabic Ventilators Shades Pan roller Salaries	21. 4' 116. 66 33. 5( 8. 5: 5. 99 2. 00 1. 5: 5. 5: 5. 549. 0' 116. 6' 48. 7' 540. 00 15. 7' 5, 816. 6' 2. 7' 1, 884. 1: 14. 0' 2. 5: 5, 789. 6' 21, 051. 22' 116. 6'
22 26 27 29 28 12 23 3 24 Mar. 29 2 3 5 24 28 29 31	Chas. Shore C. Becker C. Becker Geo. F. Muth & Co. H. S. Walter et al Tyler & Rutherford (Incorporated). Yawman & Erbe Manufacturing Co. United States Envelope Co. Rudolph, West & Co. Remington Typewriter Co. C. A. Muddiman & Co. W. B. Moses & Sons Remington Typewriter Co. H. S. Walter et al. Chas. Shoredo Tyler & Rutherford James B. Lambie Co. United States Envelope Co. Lamb & Tilden. George Meier & Co. The Pullman Automatic Ventilating Co. J. H. Bunnell & Co. Estate John C. Parker H. S. Walter et al. Total third quarter.	Repairs to bicycles Harness dressing, etc Glass Salaries Rent Sections Envelopes Paste cups Typewriters and covers Gas stove Pesks Adjusting typewriter Salaries Repairs to bicycle do Rent Pliers, etc Envelopes Numbering machine Gum arabic Ventilators Shades Pan roller Salaries	21. 4: 116. 6( 33. 5.5 9.9 2. 0( 1. 5.5 5. 949. 0' 116. 6( 48. 7' 540. 0( 17. 44 184. 5( 2. 3) 27. 0( 16. 0( 17. 14. 0( 17. 14. 0( 18. 0) 18. 0( 18. 0( 18. 0 18. 0( 18. 0
22 26 27 29 28 31 29 29 24 Mar. 2 3 5 24 28 29 31 Apr. 4 6 9 14	Chas. Shore C. Becker C. Becker Geo. F. Muth & Co. H. S. Walter et al Tyler & Rutherford (Incorporated). Yawman & Erbe Manufacturing Co. United States Envelope Co. Rudolph, West & Co. Remington Typewriter Co. C. A. Muddiman & Co. W. B. Moses & Sons Remington Typewriter Co. H. S. Walter et al. Chas. Shoredo Tyler & Rutherford James B. Lambie Co. United States Envelope Co. Lamb & Tilden. George Meier & Co. The Pullman Automatic Ventilating Co. J. H. Bunnell & Co. Estate John C. Parker H. S. Walter et al. Total third quarter.	Repairs to bicycles Harness dressing, etc Glass Salaries Rent Sections Envelopes Paste cups Typewriters and covers Gas stove Pesks Adjusting typewriter Salaries Repairs to bicycle do Rent Pliers, etc Envelopes Numbering machine Gum arabic Ventilators Shades Pan roller Salaries	21. 4 116. 6 33. 5 5. 9, 2. 0 1. 5, 5 5. 5, 5 4. 55 5, 949. 0 116. 6 48. 7 5, 949. 0 15. 7 5, 816. 6 2. 7 1, 834. 1 14. 0 2. 5 5, 789. 6 21, 051. 2 116. 6 2. 5 5, 89. 6 21, 051. 2 116. 6 21, 051. 2
22 26 27 29 28 31 Feb. 8 12 23 24 Mar. 29 2 3 5 24  Apr. 4 6 9	Chas. Shore C. Becker C. Becker Geo. F. Muth & Co. H. S. Walter et al Tyler & Rutherford (Incorporated). Yawman & Erbe Manufacturing Co. United States Envelope Co. Rudolph, West & Co. Remington Typewriter Co. C. A. Muddiman & Co. W. B. Moses & Sons Remington Typewriter Co. H. S. Walter et al. Chas. Shoredo Tyler & Rutherford James B. Lambie Co. United States Envelope Co. Lamb & Tilden. George Meier & Co. The Pullman Automatic Ventilating Co. J. H. Bunnell & Co. Estate John C. Parker H. S. Walter et al. Total third quarter.	Repairs to bicycles Harness dressing, etc Glass Salaries Rent Sections Envelopes Paste cups Typewriters and covers Gas stove Pesks Adjusting typewriter Salaries Repairs to bicycle do Rent Pliers, etc Envelopes Numbering machine Gum arabic Ventilators Shades Pan roller Salaries	21. 4: 116. 6: 33. 5: 8. 5: 5. 9. 2. 00 1. 5: 5. 5: 4. 5: 5. 5: 5. 949. 0' 116. 6: 48. 7' 540. 00 17. 44 184. 5: 2. 32 7. 00 10. 00 116. 6: 1. 2: 10. 00 116. 6: 8. 00 15. 00 15. 00 15. 00 16. 6: 16. 6: 16. 6: 17. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7
22 26 27 29 28 31 29 29 20 3 24  Mar. 29 28 29 31  Apr. 4 6 9 14	Chas. Shore C. Becker C. Becker Geo. F. Muth & Co. H. S. Walter et al Tyler & Rutherford (Incorporated). Yawman & Erbe Manufacturing Co. United States Envelope Co. Rudolph, West & Co. Remington Typewriter Co. C. A. Muddiman & Co. W. B. Moses & Sons. Remington Typewriter Co. H. S. Walter et al. Chas. Shore do Tyler & Rutherford James B. Lamble Co. United States Envelope Co. Lamb & Tilden. George Meier & Co. The Pullman Automatic Ventilating Co. J. H. Bunnell & Co. Estate John C. Parker H. S. Walter et al. Total third quarter	Repairs to bicycles Harness dressing, etc Glass Salaries Rent Sections Envelopes Paste cups Typewriters and covers Gas stove Pesks Adjusting typewriter Salaries Repairs to bicycle do Rent Pliers, etc Envelopes Numbering machine Gum arabic Ventilators Shades Pan roller Salaries	21. 4' 116. 66 33. 5. 8. 5: 5. 99 2. 00 1. 5. 5: 5. 549. 0' 116. 60 48. 7' 540. 00 17. 44 184. 5: 2. 30 27. 00 116. 60 116. 60 11. 2: 1. 2: 1. 2: 1. 2: 1. 3: 1. 3: 1. 3: 1. 5

\$41.87 85.00 3,824.62

243.00

## Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

2		LABOR, ETC.—C	ontinued.	
Da	ite.	Name.	Nature of payment.	Total.
19 Apr.		Chas. Shore George Meier Co	EngravingGum arabic	\$10.00 16.00
May	13	Chas. Shore. George Meier Co. Annie C. Sullivan. H. S. Walter et al. Tyler & Rutherford (Incorporated). Thos. Somerville & Sons.	Services Salaries Rent Hinge	4.00 5,844.26 116.66 .25
June	18 24 31 3 3	Chas. J. Bogue Underwood Typewriter Co. H. S. Walter et al. Densmore Typewriter Co.	Hinge Are lamp rheostat Typewriter Salaries Rebuilding typewriters Lumber Gum arabie	21.00 85.00 6,074.87 75.00 23.70
	6 11	Church & Stephenson George Meier Co. Tyler & Rutherford (Incorporated) Chas. J. Bogue	Gum arabic. Rent. Coil for lamp, etc. Envelopes.	40.00 116.66 5.10 1,593.55
	11	Thos. Somerville & Sons. Chas. J. Bogue Underwood Typewriter Co H. S. Walter et al. Densmore Typewriter Co Church & Stephenson George Meier Co Tyler & Rutherford (Incorporated) Chas. J. Bogue United States Envelope Codo C. Becker Rudolph, West & Co H. C. Davison & Co Yawman & Erbe Manufacturing Co Woodward & Lothrop United States Envelope Co Densmore Typewriter Co H. S. Walter et al.	do Collar pads Brushes, etc	13.60 1.00 6.15 5.40
	29	Yawman & Erbe Manufacturing Co. Woodward & Lothrop United States Envelope Co.	Paper Cabinet, etc. Matting Envelopes. Rebuilding typewriters. Salaries	73.17 12.93 401.65 100.00
	30	H. S. Walter et al.  Total fourth quarter.	Salaries.	6,285.80
	04.	Supplemental.		
July	5 7 18	Tyler & Rutherford (Incorporated)  Clark & Davenport  do  W R Moses & Sons	Rent Linoleumdo Desks, etc Typewriter stand	116. 66 78. 96 6. 72 99. 80
	19	American Writing Machine Co. Library Bureaudo.	Typewriter stand Copier Bases Gum arabic	4.00 32.00 20.00
		do.  W. B. Moses & Sons. American Writing Machine Co. Library Bureau. do. Geo. Meier & Co. Swayze; Bailey & Co. United States Envelope Co. Yawman & Erbe Manufacturing Co. do.	Sharpener Envelopes Cards Guides	40.00 3.50 532.00 18.00 7.18
A	20	Herman Baumgarten	Pads for numbering machine	7. 18 30. 25 2. 20 3. 80 37. 12
Aug	. 17	Lamb & Tilden Woodward & Lothrop. W. B. Moses & Sons Thos. R. Riley Geo. F. Muth & Co. Geo. W. Millar & Co. Library Bureau. Yawman & Erbe Manufacturing Co. do. Thos. E. Trazzare.	Stamp rack Matting, etc Desks, etc. Tags Paper, etc. Manila paper Card-index cases	77. 25 21. 25 27. 86 180.00 148. 00
	29	Yawman & Erbe Manufacturing Codo	Sections, etc. Cabinet, etc. Bolt.	124.00 29.00 2.50
		Total		1,642.05
Tota Tota Tota Tota Tota	al firs al sec al thi al fou	RECAPITULA ond quarter ond quarter rd quarter urth quarter oplemental		\$20,919.63 20,034.70 21,051.28 21,074.07 1,642.05
		collecting Agricultu	•••••	84, 721. 73
Da	te.	Name.	Nature of payment.	Total.

31	C. M. Daugherty The Hammond Typewriter Co C. E. Edgerton et al E. S. Holmes, jr.	Salaries
	H. Doc. 256, 58-310	

Aug.

## Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

Date	Name.	Nature of payment	Total.
1903.	J. E. Rickards. T. B. Baldwin. J. Darg. J. S. Charlton B. C. White L. M. Erskine F. B. Headley C. Bollinger J. L. Cantwell J. E. Rickards. T. C. Holloway Jno. J. Darg. B. C. White H. M. Creel Henry Hawkins Lamb & Tilden The American News Co Rand, McNally & Co R. Carter Ballantyne Heber M. Creel Heber M. Creel W. O. H. Shepard John S. Charlton		
Aug. 1	J. E. Rickards	Salary	\$234.0 189.0
	Ino I Darg	do	189.0 189.0
3	J. S. Charlton	do	182.0
4	B. C. White.	do	182. 0 196. 0 50. 0
5	L. M. Erskine	do	50.0
	C. Bollinger	do	40.0 25.0
	J. L. Cantwell	do	20. 0
6	J. E. Rickards	Traveling expenses	20.0 144.9
8	T. C. Holloway	do	58. 5 167. 2 130. 3
14	B. C. White	do	130.3
	H. M. Creel	Salary.	126.0
	Henry Hawkins	do	20.0
15 17	Lamb & Tilden.	Ink	1. 3 8. 8
11	Rand, McNally & Co	Atlas	18.0
18	Rand, McNally & Co.  R. Carter Ballantyne.  Heber M. Creel.  W. O. H. Shepard. John S. Charlton. C. E. Edgerton et al. B. C. White Edwin S. Holmes, jr. Jno. J. Darg. John S. Charlton.  Thos. B. Baldwin. H. M. Creel. L. M. Erskine. Lord & Nagle Co. J. G. Smith. E. T. Peters.	Crayons	1. 7 88. 2 20. 2 112. 2 3, 656. 2 182. 0
19	Heber M. Creel	Traveling expenses	88.2
	W. U. H. Snepard	Traveling expenses	20.2
31	C. E. Edgerton et al	Salaries.	3, 656, 2
Sept. 1	B. C. White	Salary	182.0
-	Edwin S. Holmes, jr	do	234.0
	Jno. J. Darg.	do	182.0 182.0
	Thos. B. Baldwin	do	182.0
	H. M. Creel	do	182. ( 50. 5
3	L. M. Erskine	do	50.
4	Lord & Nagle Co	Directory	2. 8 5. 0
8	J. G. Smith. E. T. Peters. do H. M. Creel. T. B. Baldwin	Expenses	43.
9	H. M. Creel	Expenses Salary Traveling expenses	171. 73. 181.
	T. B. Baldwin	do	181.0
	W. A. Peck	Salary	80.0 40.0
	J. L. Cantwell	Traveling expensesdo Salarydo do Envelopes, etc Traveling expensesdo CardsStorme	20.
	R. C. Ballantyne	Envelopes, etc	25.6
10	B. C. White	Traveling expenses	131.0 143.3
	Library Rurgan	Cards	45.
12	Washington City post-office	Stamps	40.
16	C. Bollinger	Salary	25.
	J. W. Schneider	do	80.0
1	Honry Hawkins	do	20.
	W. O. H. Shepard.	do	105. ( 20. : 20. :
	J. E. Rickards	do	234.0
	do	Expenses	23. 48.
	Church & Stephenson	Lumber	39.
18	J. S. Charlton	Traveling expenses	135. 3 6. 0 7. 9 27. 3
	Norfolk and Washington, D. C., S. B. Co	Passenger transportation	6.0
19	Southern Prev Co	do	27.
19	H. M. Creel. T. B. Baldwin W. A. Peck. F. B. Headley J. L. Cantwell R. C. Ballantyne B. C. White J. J. Darg Library Bureau Washington City post-office. C. Bollinger J. W. Schneider E. T. Peters Henry Hawkins W. O. H. Shepard J. E. Rickards do do Church & Stephenson J. S. Charlton Norfolk and Washington, D. C., S. B. Co. Houston and Texas Central R. R. Co. Southern Rwy, Co Denver and Rio Grande R. R. Co Seaboard Air Line Rwy Richmond, Fredericksburg and Potomac R. R. Co Atlantic and North Carolina R. R. Co.	do	18.
	Seaboard Air Line Rwy	do	14.
	Richmond, Fredericksburg and Potomac	do	3.8
	Atlantic and North Carolina R R Co	do	3.5
21	R. R. Co Atlantic and North Carolina R. R. Co	Water cooler	3.1 10.
24 30	Eberhard Faber	Erasers	2.0
30	C. E. Edgerton et al	Salaries	3, 512.
	Total first quarter		16, 407.
	Thos. B. Baldwin B. C. White John L. Cantwell H. M. Creel L. M. Erskine Edwin S. Holmes, jr John S. Charlton John J. Darg Washington City post-office Wells W. Miller W. C. Duncan T. J. Anderson	Salary	
Oct. 1	Thos. B. Baldwin	do.	182. ( 203. (
2	John L. Cantwell	do	19.6
	H. M. Creel	do	19.6 182.6 49.6
	L. M. Erskine.	do	49. (
	Edwin S. Holmes, jr	do	234. ( 182. (
. 5	John J. Darg	do	182. (
	Washington City post-office	Stamps	182. ( 182. ( 10. (
6	Wells W. Miller	Services	200. ( 200. (
U	11 CHO 11 1 11 11 11 11 11 11 11 11 11 11 11		

## Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

ð.	Name.	Nature of payment.	Total
	Sarah K. Harwood. W. J. Northen. Plum A. Rogers. F. E. Dawley. Chas. H. Morse E. F. Scherbel. James H. Lane O. B. Lovette. McKenzie R. Todd J. J. Corley. Chas. W. Burkett Jas. A. Hayden Daniel E. Monton John T. Cox Edward Wiggin John J. Rosa E. C. Hutchinson E. D. Howe Geo. E. Adams Chas. L. Gold J. E. Ricker E. T. Peters C. Bollinger S. J. Seal E. E. Kaufman M. T. Lightner L. T. Moulton Wm. G. Whitmore John Cownie. Oswald Wilson S. Arthur Knapp William Nelson A. M. Hawley R. H. Thomas. E. M. Hemphill H. W. Vail F. B. Headley Henry Hawkins Geo. W. Perry Thos. B. Baldwin John S. Charlton B. C. White. Edwin S. Holmes, jr Randolph, West & Co W. O. H. Shepard D. Frank Parker The Chesapeake and Potomac Telephone Co R. P. Andrews & Co (Incorporated) W. H. Veerhoff Jno. J. Darg E. G. Ward jr W. M. Hupp Co James B. Lambie John W. Schneider C. D. Boardman H. W. Desgranges D. O. Haynes & Co		
6	Sarah K. Harwood. W. J. Northen.	Services	\$200
	W. J. Northen	do	180
	Plum A. Rogers	do	175 175 150
	F. E. Dawley	do	175
	F F Schorbel	do	150
	Tomos H I ono	do	137
	O. B. Lovette	do	150 137 125 125
	McKenzie R. Todd	do	125
	J. J. Corley	do	127
	Chas. W. Burkett	do	123 112
	Jas. A. Hayden	do	112
	Daniel E. Morton	do	76
	John T. Cox	00	78 78 78 78
	John I Poss	do	76
	E C Hutchinson	do	78
	E. D. Howe	do	73
	Geo. E. Adams	do	78
	Chas. L. Gold	do	78 78
	J. E. Ricker	Salary	234
	E. T. Peters	do	154
0	C. Bollinger	do	24 112
9	F. F. Voufmen	Services	150
	M T Lightner	do,	150
	L. T. Moulton	do	178
	Wm. G. Whitmore	do	176
	John Cownie.	do	200
	Oswald Wilson	do	200 278
	S. Arthur Knapp.	do	163
	William Nelson	do	163 100 115
	A. M. Hawley	00	112
	F. M. Hompbill	do	150
	H W Voil	do	137 76 40
	F. B. Headley	do	4(
	Henry Hawkins.	do	112 112 143
	Geo. W. Perry	do	112
	Thos. B. Baldwin	Traveling expenses	148
	John S. Charlton	do	1.52
	B. C. White	do	143
10	Pudolph Woot & Co	Drooms	
10	W O H Shepard	Sarvicas	19
12	D. Frank Parker	Typewriter paper	1
	The Chesapeake and Potomac Telephone Co.	Moving phone	
	R. P. Andrews & Co. (Incorporated)	Clips	
	W. H. Veerhoff	Molding	
	Jno. J. Darg.	Traveling expenses	168 1
14	E. G. Ward Jr.	do	11
	Wm. H. Rupp Co	Writing nuid	40
19	James B. Lamble	Solory	40
10	C. D. Boardman	do	150
	John W. Schneider C. D. Boardman H. W. Desgranges D. O. Haynes & Co William A. May The Journal of Commerce and Commercial	do	12
22	D. O. Haynes & Co.	Subscription	6
	William A. May	do	12
	The Journal of Commerce and Commercial	do	15
	Bulletin.	3	
	Preinand N. Powley	ob	-
	National Railway Publishing Co	Official Guide	5
	C. A. Dockham & Co	Report and Directory 1903	(
	Curtis, Guild & Co	Commercial Bulletin	4
	I. E. Beerbohm.	Subscription	29
	Bulletin. The Railroad Gazette. Brainard N. Rowley National Railway Publishing Co. C. A. Dockham & Co. Curtis, Guild & Co. I. E. Beerbohm. American Agriculturalist Shepherds Bulletin. The Railway Age and Northwestern Railroader.	do	3
	Shepherds Bulletin	do	
	The Kailway Age and Northwestern Rail-	do	4
	roader.	a.	
	Reilwey World Publishing Co	00	4
	Geo H Ellis Co	Tourmel	4
	Ginn & Co	Political Science	3
	The Tuttle, Morehouse & Taylor Co	Yale Review	3
	T. B. Veblen	Journal of Political Economy	9
	roader. The University of Chicago Press. Railway World Publishing Co. Geo. H. Ellis Co. Ginn & Co. The Tuttle, Morehouse & Taylor Co. T. B. Veblen. Oil, Paint, and Drug Reporter Wool and Cotton Reporter. The Hawaiian Gazetie Co. (Limited) D. Appleton & Co.	Subscription	€
	Wool and Cotton Reporter	do	3
	The Hawaiian Gazette Co. (Limited)	do	-

 $Expenditures\ of\ the\ Department\ of\ Agriculture\ for\ fiscal\ year\ ending\ June\ 30,\ 1904\\ -- {\rm Cont'd}.$ 

Date.	Name.	Nature of payment.	Total.
1903. Oct. 22	Louisiana Planter and Sugar Manufacturing	Subscription	\$3,00
	Co. The Trade Co.	do	2.00
	The Trade Co. The Macmillan Co.	do	5.00
	do Lemcke & Buechner	do Books Traveling expenses Bands	5.00 46.80
	H. M. Creel.	Traveling expenses	90.92
23	H. M. Creel Eberhard Faber Geo. W. Millar & Co	Wrapping paper	18.84 12.50
	do	do	18.00
24 28	Erie R. R. Co. The Chesapeake and Potomac Telephone Co. D. Frank Parker	Passenger transportation Telephone service	8.00 6.25
20	D. Frank Parker	ink	10, 80
	The Smith Premier Typewriter Co	Card platens, etc.	10.70 20.10
	I. Geo. Smith R. P. Andrews & Co. (Incorporated) Franklin & Co. W. B. Moses & Sons do.	Paper	54.00
	Franklin & Co	Magnifying glasses	4, 65 36, 25
	do	Rug, etc.	36, 25 58, 50
29 31			2, 25 189, 00
01	John S. Charlton Thos. B. Baldwin Edwin S. Holmes, jr. Burlington and Missouri River R. R. in Ne-	do	189.00
	Edwin S. Holmes, jr	Passenger transportation	252.00 17.00
	braska.		
	Cleveland, Cincinnati, Chicago and St. Louis	do	3. 40
	Rwy. Co. The Chesapeake and Ohio Rwy. Co	do	4.20
	Denver and Rio Grande R. R. Co.	do	6. 70 13. 00
	The Yazoo and Mississippi Valley R. R. Co	do	6.80
	Chicago and Northwestern Rwy, Co.	do	6. 80 28. 00
	Chicago, Milwaukee and St. Paul Rwy. Co	do	8.00
	The Pulman Co.	do	19.00 22.50
	The Atchison, Topeka and Santa Fe Rwy. Co.	do	4.03 54.65
	The Chesapeake and Ohio Rwy. Co. do. Denver and Rio Grande R. R. Co. The Yazoo and Mississippi Valley R. R. Co. do. Chicago and Northwestern Rwy. Co. Chicago, Milwaukee and St. Paul Rwy. Co. The Pulman Co. do. The Atchison, Topeka and Santa Fe Rwy. Co. Baltimore and Ohio R. R. The Lake Shore and Michigan Southern Rwy. Co.	do	13.50
	Great Northern Rwy. Co	.do	37. 47 ` 4. 45 6. 06 7. 10
	do Pittsburgh, Cincinnati, Chicago and St. Louis Rwy. Co. Oregon Short Line R. R. Co, The Missouri Pacific Rwy. Co Oregon Short Line R. R. Co. The Missouri Pacific Rwy. Co Oregon Short Line R. R. Co. The Missouri Pacific Rwy. Co Oregon Short Line R. R. Codododo Orensylvania R. R. Codo Cincinnati, Hamilton and Dayton Rwy. Co Pennsylvania R. R. Cododo The Hocking Valley Rwy. Codo The Hocking Valley Rwy. Codo The Hocking Valley Rwy. Codo The Cleveland, A kron and Columbus Rwy. Co The Wabash R. R. Co Northern Pacific Rwy. Co The Pullman Co C. E. Edgerton et al B. C. White John J. Darg H. M. Creel Edwin S. Holmes, jr Jno. L. Cantwell Frank B. Headley United States Envelope Co J. Baumgarten & Sons C. C. Clark L. M. Erskine Eber S. Peters	do	7. 10
	Oregon Short Line R. R. Co,	do	33.50
	Oregon Short Line R. R. Co.	do	7.50 33.50
	The Missouri Pacific Rwy. Co	do	7.50 33.00
	Union Pacific R. R. Co	do	33, 00 6, 96 4, 30
	Pennsylvania R. R. Co.	do	4.30 6.50
	do	do	12.75
	Pennsylvania R. R. Co	do	4. 60 17. 00
	Southern Rwy. Co.	do	8.00 27.50 3.70
	The Hocking Valley Rwy, Co.	do	3, 70
	Louisville and Nashville R. R. Co.	do	14.85
	The Wabash R. R. Co.	do	3.85 17.50
	Northern Pacific Rwy. Co.	do	21.08
	C. E. Edgerton et al.	Salaries	19.00 3,685.99 189.00
Nov. 2	B. C. White	Salary	189.00 189.00
	H. M. Creel.	do	189.00
3 4	Edwin S. Holmes, jr	Traveling expenses	23, 40 20, 20
4	Frank B. Headley	do	40.00
	United States Envelope Co	Envelopes	733, 25 32, 45
7	C. C. Clark.	Traveling expenses	29. 50
	L. M. Erskine Eber S. Peters	Salary	50, 50 105, 00
	W.O. H. Shepard	do	20.20
	C. C. Clark L. M. Erskine. Eber S. Peters W. O. H. Shepard C. Bollinger J. E. Rickards Thos. B. Baldwin	do	25, 30 243, 00
	Thos B Reldwin	Traveling expenses	177.83

### Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

Da	te.	Name.	Nature of payment.	Total.
190	3.			
Nov.	. 7	John S. Charlton	Traveling expenses	\$144.8
		H. M. Creel	do	78.5
		Joint S. Charlton H. M. Creel B. C. White Hugh Reilly Jno. J. Darg Edwin S. Holmes, jr	Rrushes	111. 0 2. 0 161. 0 108. 0
	13	Jno. J. Darg	Traveling expenses	161. 0
	19	Edwin S. Holmes, jr.	Salaries.	108.0
		E. T. Peters	Salary	42, 0 20, 2
	20	Henry Hawkins	do	20, 20
	20	Union Envelope Co	Envelopes	333. 4 7. 5
	21	Edwin S. Holmes, jr E. T. Peters Union Envelope Co. E. E. Billow W. B. Moses & Sons Remington Typewriter Co. Rand, McNally & Co. Richard H. Lea C. E. Edgerton et al The Hammond Typewriter Co. Thos. B. Baldwin B. C. White Jno. J. Darg	Furniture etc	24. 4
		Remington Typewriter Co	Typewriter, etc.	118.6
	23	Rand, McNally & Co	Atlas	12. 5 101. 0
	90	Richard H. Lea	Salary	101.0
Dec.	30	C. E. Edgerton et al.	Salaries	3,399.80 7.50 175.00 187.70
Jec.	$\frac{1}{2}$	The Hammond Typewriter Co- Thos. B. Baldwin. B. C. White Jno. J. Darg B. C. White E. S. Peters John Walter Schneider L. M. Erskine	Salary	175.0
	3	B. C. White	Traveling expenses.	187. 7
		Jno. J. Darg	Salary	1/2 18
		B. C. White	do	182. 0 60. 6
	4	E. S. Peters	Traveling expenses	60.6
		I. M Ersking	Salary	80.0 49.5
		Jno. L. Cantwell	do	19.8
		C. Bollinger	do	24.7
		J. M. Erskine Jno. L. Cantwell C. Bollinger J. E. Riekards	do:	225.0
				175. 0 175. 0
	5	John S. Charlton E. S. Peters Frank B. Headley Thos. B. Baldwin	do	175.0
		Frank B. Headley	do	40.0
		Thos. B. Baldwin	Traveling expenses	154.2
	9	Henry Hawkins John S. Charlton Jno. J. Darg.	Traveling expenses Salary Traveling expensesdo Paper	19.8
	10	John S. Charlton	Traveling expenses	60.8
		Jno. J. Darg.	Danas	145. 4 90. 5
	11	F. Morrison Pener Co	Pone	5.0
	11	James B. Lambie Co. (Incorporated)	Locks, etc	9.9
		D. Frank Parker E. Morrison Paper Co James B. Lambie Co. (Incorporated) R. Carter Ballantyne	Pens Locks, etc Pens, etc	19.3
		Hugh Reilly	Varnish	1.2
		W. B. Moses & Sons	Shades	8. 4 117. 8
	14	Hugh Reilly W. B. Moses & Sons John C. Parker Old Dominion Paper Co. The Hoggson & Pettis Manufacturing Co. The J. Lansburgh Furniture and Carpet Co.	Shades Stationery supplies Memorandum books	3.6
	1.1	The Hoggson & Pettis Manufacturing Co	Conving bath, etc	3.8
		The J. Lansburgh Furniture and Carpet Co	Copying bath, etc	14.2
		J. Geo. Smith	Pencils, etc	28.8 47.1
	10	Ines. Laisburgh rumiture and carpet co. J. Geo. Smith Woodward & Lothrop H. M. Creel Budolph, West & Co. Library Bureau do.	Pencils, etc. Repairs to furniture Traveling expenses Waste baskets	47.1
	16 17	H. M. Creel.	Weste baskets	45. 7 9. 0
	11	Library Rureau	Case	25. 0
		do	Case Cards	13. 7
		Eberhard Faber. The Lake Shore and Michigan Southern Rwy.	Bands	57.6
	18	The Lake Shore and Michigan Southern Rwy.	Passenger transportation	3. 2
		Co.	do	2.0
		The Lake Shore and Michigan Southern Rwy. Co. do. do. The Missouri Pacific Rwy. Co. Seaboard Air Line Rwy. do. Southern California Rwy. Co. Louisville and Nashville R. R. Co. The Pullman Co. do. Dittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.	do	3. 2 5. 5
		do	do	5, 5
		The Missouri Pacific Rwy. Co	do	9.5
		Seaboard Air Line Rwy.	do	21.1
		Southorn Colifornia Dave Co	do	14.7
		Louisville and Nachville P. P. Co.	dodo	7.7 14.8
		do	do	14. 8
		The Pullman Co	do	18. 5
		do	do	16.0
		do	do	12.0
		Pittsburg, Cincinnati, Chicago and St. Louis	do	3.9
		Awy. Co.	do	3.9
		Boston and Maine R. R.	do	9.4
		The Chesapeake and Ohio Rwy. Co	do	9, 4 43, 7
		Boston and Maine R. R. The Chesapeake and Ohio Rwy. Co.	do	16.4
		do	do	28. 6
		The Atchison, Topeka and Santa Fe Rwy. Co.	do	28. 6 17. 3 3. 1
		Atlantic Coast Line R R Co	do	3. I 10. 1
		dodoThe Atchison, Topeka and Santa Fe Rwy. CododoAtlantic Coast Line R. R. CoBurlington and Missouri River R. R. in Ne-	do	9.1
		Draska.	1	
		The Chicago, Burlington and Quincy Rwy. Co. Chicago and Northwestern Rwy. Co	do	5. 7

## $\label{the expenditure for fiscal year ending June~30, 1904-Cont'd.} Expenditures~of~the~Department~of~Agriculture~for~fiscal~year~ending~June~30, 1904-Cont'd.$

COLLECTING	AGRICULTURAL.	STATISTICS-Continued.
COLLECTING	AGRICULIURAL	STATISTICS—Continued.

Date.	· Name.	Nature of payment.	Total.
1903.	Chicago and Northwestern Rwy. Co Central Vermont Rwy. Co Cleveland, Cincinnati and St. Louis Rwy. Houston and Texas Central R. R. Co. Grand Rapids and Indiana Rwy. Co do Pennsylvania R. R. Co Texas and New Orleans R. R. Co Terre Haute and Logansport Rwy. Co. Southern Rwy. Co Missouri, Kansas and Texas Rwy. Co do Northern Pacific Rwy. Co. Oregon Short Line R. R. Co. New York Central and Hudson River R. R. Co.		
ec. 18	Chicago and Northwestern Rwy. Co	Passenger transportation	\$6.
	Cleveland Cincinnati and St Louis Rwy	do	5. 3. 7. 1
	Houston and Texas Central R. R. Co	do	7.
	Grand Rapids and Indiana Rwy. Co	do.	4.
	do	do	4.
	Pennsylvania R. R. Co	do	69.
	Texas and New Orleans R. R. Co.	00	10.
	Southern Rwy. Co.	do	3. 23. 39.
	do	do	39.
	Missouri, Kansas and Texas Rwy. Co	do	7.
	Nantham Baifa Brow Ca	do	5.
	Oregon Short Line P. P. Co.	do	3. 29.
	New York Central and Hudson River R. R.	do	3.
	Co.		0.
	St. Louis and San Francisco R. R. Co	do	2. 15.
10	Scuthern Rwy. Co	do	15.
19	W.H. Argaius Peck	balary	120.
21 23	Washington City post-office	Stamps	19. 50.
26	W. B. Moses & Sons	Chair seats, etc.	17.
28	E. T. Peters	Salary	136. 275. 200.
31	Oswald Wilson	Services	275.
	John Cownie	do	200.
	W W Miller	00	200. 200.
	Sarah K. Harwood	do	200.
	Washington C. Duncan	do	200. 200.
	W. J. Northen	do	180. 175. 175.
	Frank E. Dawley	do	175.
	Wm. G. Whitmore	00	175. 175.
	Plum A Rogers	do	175.
	S. Arthur Knapp	do	165.
	E. E. Kaufman	do	150.
	Ernest F. Scherbel	do	150.
	Chas. H. Morse	do	150.
	C D Roardman	do	150. 150.
	R. H. Thomas	do	150.
	James H. Lane	do	137.
	Everett M. Hemphill	do	137.
	Chas. W. Burkett.	do	125.
	H. W. Desgranges	do	125 125 125
	McKenzie R. Todd	do	125.
	Oscar B. Lovette	do	125.
	Sherman J. Seal	do	112.
	Geo. W. Perry	do	112. 112.
	Alfred M. Hawley	do	112
	William Nelson	do	112 100
	Edward Wiggin	do	75. 75.
	Homer W. Vail.	do	75.
	F. C. Hutchinson	do	75. 75.
	Geo. E. Adams	do	75. 75.
	Chas. L. Gold	do	75.
	E. D. Howe	do	75. 75. 75.
	John T. Cox	do	75.
	Daniel E. Morton	Solorios	3,790
	Oregon Short Line R. R. Co. New York Central and Hudson River R. R. Co. St. Louis and San Francisco R. R. Co. St. Louis and San Francisco R. R. Co. Southern Rwy. Co. Wm. Argalus Peek W. O. H. Shepard Washington City post-office. W. B. Moses & Sons E. T. Peters. Oswald Wilson John Cownie. Thomas J. Anderson W. W. Miller Sarah K. Harwood. Washington C. Duncan W. J. Northen Frank E. Dawley. Wm. G. Whitmore Levi T. Moulton Plum A. Rogers. S. Arthur Knapp. E. E. Kaufman Ernest F. Scherbel Chas. H. Morse. Mahlon T. Lightner C. D. Boardman R. H. Thomas James H. Lane Everett M. Hemphill Chas. W. Burkett Jacob J. Corley H. W. Desgranges McKenzie R. Todd Oscar B. Lovette Sherman J. Seal Geo. W. Perry. Jas. A. Hayden Alfred M. Hawley William Nelson Edward Wiggin Homer W. Vail John J. Rosa E. C. Hutchinson Geo. E. Adams Chas. L. Gold E. D. Howe John T. Cox Daniel E. Morton C. E. Edgerton et al. Total second quarter	Salaries	32,564.
1004	rotar second quarter		
1904. an. 2	B. C. White Jno. J. Darg. Thos. B. Baldwin John S. Charlton J. E. Rickards Thos. B. Baldwin H. M. Creel Fred. E. Brooks Jno. L. Cantwell L. M. Erskine Remington Typewriter Co	Salary	182
2	Jno. J. Darg	do	182. 182.
	Thos. B. Baldwin	do	189.
	John S. Charlton	do	189. 243.
,	J. E. Rickards	Traveling avnances	90
4 5	H M Creel	Salary	189
J	Fred. E. Brooks	do	189. 65. 20.
	Jno. L. Cantwell	do	20.
		do	50.

### Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. COLLECTIVE ACRICULTURAL STATISTICS Continued

ate.	Name.	Nature of payment.	Total
904.			
ı. 8	W. B. Moses & Sons	Chairs.	\$18.
14	U. S. Envelope Co	Envelopes	E 4
	W. O. H. Shepard	Salary	20. 20. 25.
	Henry Hawkins	do	20.
	C. Bollinger	do	25.
16	Frank B. Headley	Trovoling ovnenges	40 84 10
10	C W Halson	Salary	10
25	John Walter Schneider	do	40
20	Northern Pacific Rwy. Co.	Passenger transportation	18.
	W. B. Moses & Sons U. S. Envelope Co. W. O. H. Shepard. Henry Hawkins C. Bollinger Frank B. Headley. H. M. Creel. S. W. Halsey John Walter Schneider Northern Pacific Rwy. Co. New York, New Haven and Hartford R. R. Co. Louisville and Nashville R. R. Co.	do	40 18 4
	Louisville and Nashville R R Co	do	94
	Louisville and Nashville R. R. Co	do	24 7
	Rwy. Co.		
	C4 Tavia and Can Promoines D D Ca	do	8
	Baltimore and Ohio R. R. Co. Chesapeake and Ohio Ry. Co. Central of Georgia Rwy. Co. Fort Worth and Denver City Rwy. Co. The Cleveland, Akroniand Columbus Rwy.	do	3
	Chesapeake and Ohio Ry. Co	do	6.
	Central of Georgia Rwy. Co	do	11 10 3
	The Cleveland Algert City Rwy. Co	do	10
	Co.	do	ن
	Illinois Central R. R. Co	do	11
	The Texas and Pacific Rwy. Co	do	19
	Maine Central R. R. Co.	do	3
3	Denver and Kio Grande K. K. Co	do	14 15 14 13 10
	Sooboard Air Line Dwy	do	10
	The Missouri Pacific Rwy Co	do	13
	Pennsylvania R R Co	do	10
26	E. S. Peters	Traveling expenses	129
	John C. Parker	Pens and pencils	23 45
	D. Frank Parker	Typewriter paper	45
27	Hugh Reilly	Shellac	9
28	The Chesapeake and Ohio Rwy Co	Passenger transportation	9
29	R. P. Andrews & Co. (Incorporated)	Pads and cards	58
	do	Cardboard	3
	Keasbey & Mattison Co	Pipe covering	3 73 5 25 8 4,077 175 182 182 182 182 182
	O'Connor & Co	Expenses	(0
	Goo W Miller & Co	Wronning naper	95
	Barber & Ross	Spiceore	8
31	E. S. Holmes, ir., et al.	Salaries	4.077
. 1	Jno. J. Darg	Salary	175
	H. M. Creel	do	182
	Thos. B. Baldwin	do	182
2	John S. Charlton	do	182
	Wm. Argalus Peck	do	59
	E. T. Peters	do	168
	B. C. Winte	do	175
3	Adams Express Co	Transportation	234
4	Ino L. Cantwell	Salary	20
5	Thos, Cook & Son	Hotel coupons.	20 128
6	C. Bollinger	Salary	25
	L. M. Erskine	do	51 40 70
	F. B. Headley	do	40
	John S. Charlton	Traveling expenses	70
	E. T. Peters	do	87
	D. C. Wille	00	71 57
8	The Cheseneeke and Potemas Telephone Co	Tolophono sorvico	6
11	Thomas P Cooper	Colory	40
	Henry Hawkins	do	20
	W. O. H. Shepard.	do	20
12 16	U. S. Envelope Co	Envelopes	158
16	Washington City Post-Office	Stamps	10
17	Baltimore and Ohio R. R. Co.	Passenger transportation	10 24
	Fort Worth and Denver City Rwy. Co. The Cleveland, Akron; and Columbus Rwy. Co. Illinois Central R. R. Co. The Texas and Pacific Rwy. Co. Maine Central R. R. Co. Denver and Rio Grande R. R. Co. Denver and Rio Grande R. R. Co. Seaboard Air Line Rwy. The Missouri Pacific Rwy. Co. Pennsylvania R. R. Co. E. S. Peters. John C. Parker D. Frank Parker Hugh Reilly The Chesapeake and Ohio Rwy Co. R. P. Andrews & Co. (Incorporated)do. Keasbey & Mattison Co. E. T. Peters. O'Connor & Co. Geo. W. Millar & Co. Barber & Ross. E. S. Holmes, jr., et al. Jno. J. Darg H. M. Creel Thos. B. Baldwin. John S. Charlton Wm. Argalus Peck E. T. Peters. B. C. White. J. F. Rickards. Adams Express Co. Jno. L. Cantwell Thos. Cook & Son. C. Bollinger L. M. Erskine F. B. Headley. John S. Charlton E. T. Peters B. C. White H. M. Creel. The Chesapeake and Potomac Telephone Co. Thomas P. Cooper Henry Hawkins. W. O. H. Shepard. U. S. Envelope Co. Washington City Post-Office Baltimore and Ohio R. R. Co. The Texas and Pacific Rwy. Co.	do	35
	Co. do. The Texas and Pacific Rwy. Co. Missouri Pacific Rwy. Co. Missouri Pacific Rwy. Co. Nashville, Chattanooga and St. Louis Rwy. Louisville and Nashville R. R. Co. The Kanawha and Michigan Rwy. Co. Union Pacific R. R. Co. The Pullman Co. do.	do	36
18	The Texas and Pacific Rwy. Co	do	16
	Missouri Pacific Rwy. Co.	do	10
	Nashville, Chattanooga and St. Louis Rwy.	do.	10 15
	Louisville and Nashville R. R. Co	do	14
	The Kanawha and Michigan Rwy. Co	do	4.
	Union Pacific R. R. Co.	do	9.
	The Pillmen ('o	do	23.

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd COLLECTING AGRICULTURAL STATISTICS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.	The Pullman Codododododododo	D. T. T.	044
Feb. 18	The Pullman Co	Passenger Transportation	\$11.00 20.00
	do	do	18.00
	The Wabash R. R. Co	do	4.45
	New Orleans and Northeastern R. R. Co	do	5. 55 6. 60 17. 50
	Pennsylvania Company	do	17.50
	Northern Pacific Rwy. Co.	do	23.50
	Grand Rapids and Indiana Rwy. Co	do	4. 26 14. 00
	Georgia R. R.	do	14.00 13.90
	Chicago and Northwestern Rwy, Co	do	12. 75
	do	do	12.75 $22.02$
	Chicago and Eastern Illinois R. R. Co	do	3.73
	do do	do	13.38
	Great Northern Rwy. Co.	do	26. 40 23. 94
*0	E. T. Peters.	Traveling expenses	35. 78 175. 00
19 23	The Hoggson & Pottis Manufacturing Co	Salary	175.00
20	The Barrick Publishing Co	Book	3.00
	J. H. Bunnell & Co.	Shades	4.10
0.4	H. R. Danielson	Salary	20. 65 50. 05
24	Woodward & Lothron	Furniture etc	17. 78
	Remington Typewriter Co	Adjusting typewriter	16.00 7.50
	J. H. Bunnell & Co. H. R. Danielson. W. B. Moses & Sons Woodward & Lothrop. Remington Typewriter Co. Church & Stephenson Western Union Telephone Co. John S. Charlton. Thos. B. Baldwin. J. E. Rickards. Jno. J. Darg	Salary Furniture Furniture, etc Adjusting typewriter Lumber Telephone service	7.50
27 29	Western Union Telephone Co	Telephone service	91.30 175.00
20	Thos. B. Baldwin	do	175.00
	J. E. Rickards	do	225.00 175.00
	Jno. J. Darg	Calarias	175.00
Mar. 2	Edwin S. Holmes et al	Traveling expenses	3, 836. 60 33. 65
	B. C. White	Salary	175.00
	H. M. Creel	do	175.00
3	C. Bollinger	do	24.00 19.20
9	Thos. B. Baldwin J. E. Rickards Jno. J. Darg E. S. Holmes et al Edwin S. Holmes, jr B. C. White H. M. Creel C. Bollinger Jno. L. Cantwell L. M. Erskine W. B. Moses & Sons John S. Charlton Jno. J. Darg Thos. B. Baldwin B. C. White U. S. Envelope Co Henry Hawkins F. B. Headley H. R. Danielson Thomas P. Cooper W. O. H. Shepard Postal Telegraph Cable Co The Smith-Powell Paper Co. (Incorporated) E. T. Peters do Denver and Rio Grande R. R. Co Grand Rapids and Indiana Rwy. Co Great Northern Rwy. Co Houston and Texas Central R. R. Co Chicago, Milwaukee and St. Paul Rwy. Co. Burlington and Missouri River R. R. in Nebraska. Missouri, Kansas and Texas Rwy. Co. of	do	47.80
	W. B. Moses & Sons	Furniture, etc	77. 80 122. 52
4	John S. Charlton	Traveling expenses	122. 52 91. 71
4	Thos. B. Baldwin	do	91. 71 86. 05
5	B. C. White	do	137.60
10	U. S. Envelope Co	Envelopes	1, 095. 36 19. 20
10	F. B. Headley	do	40.00
	H. R. Danielson	do	40.00
11	Thomas P. Cooper	do	40.00
11	Postal Telegraph Cable Co	Telegraph service	19. 20 10. 13
	The Smith-Powell Paper Co. (Incorporated).	Stationery supplies	22, 15
16	E. T. Peters	Salary	168.00
17	Denver and Rio Grande R R Co	Passenger transportation	24. 63 59. 00
1,	Grand Rapids and Indiana Rwy. Co	do	7 00
	Great Northern Rwy. Co.	do	23.47
	Chicago Milwaukee and St. Paul Pwy. Co.	do	14. 45 3. 50
	Chicago, Rock Island and Pacific Rwy. Co	do	20.47
	Burlington and Missouri River R. R. in Ne-	do	44.75
18	braska. Missouri, Kansas and Texas Rwy. Co. of	do	7.90
10	Toxac		7.90
	Southern Rwy. Co. St. Louis and San Francisco R. R. Co. Missouri, Kansas and Texas Rwy. Co. of	do	27.50
	St. Louis and San Francisco R. R. Co	do	5.48 13.25
	Texas.	00	15. 20
	The Missouri Pacific Rwy. Co	do	9.15
*	Norfolk and Washington (D.C.) Steamboat	do	3.00
	Co. The Lake Shore and Michigan Southern Rwy.	N. C.	3.25
94	Co.	Gluo	2.10
24	Barber & Ross	Glue	53, 15
	Library Bureau	Cards	9.00
	J. C. Parker, Mary E. Parker, executrix	Stationery supplies Cards Paper, etc Cardboard	24.50
	Barber & Ross R. Carter Ballantyne Library Bureau J. C. Parker, Mary E. Parker, executrix J. Geo. Smith do. Lewis F. Sloan	Penholders	4.95 3.00
		A CAMPACIALCID	199.50

## $\label{lem:expenditures} \textit{Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904}-\text{Cont'd}.$

Date.	. Name.	Nature of payment.	· Total.
1904.			
Mar. 28	The Pullman Co	Passenger transportation	\$28, 25 9, 00
	The Wabash R. R. Co	do	9.40
31	H. W. Desgranges	Services	125.00
	E. M. Hemphill	do	125.00 137.50 137.50
	S. Arthur Knapp	do	165. 00
	P. A. Rogers	do	175.00
	F. E. Dawley	do	175.00
	L. T. Moulton	do	175.00 175.00
	W. J. Northen	do	180.00
	Oswald Wilson	do	275.00
	The Pullman Co.  do. The Wabash R. R. Co. H. W. Desgranges E. M. Hemphill James H. Lane S. Arthur Knapp P. A. Rogers F. E. Dawley L. T. Moulton W. G. Whitmore W. J. Northen Oswald Wilson E. S. Holmes, jr., et al	Salaries	4,041.02
	Total third quarter.  H. M. Creel. Thos. Cook & Son. B. C. White H. M. Creel. John S. Charlton. Thos. B. Baldwin Jno. J. Darg. J. E. Rickards. H. R. Danielson. Jno. L. Cantwell. C. Bollinger L. M. Erskine Jno. J. Darg. F. B. Headley Thomas P. Cooper Henry Hawkins. The Smith-Powell Paper Co. (Incorporated). R. P. Andrews & Co. (Incorporated). R. P. Andrews & Co. (Incorporated). H. M. Creel. Richard H. Lea. E. S. Holmes, jr. Chas. M. Daugherty Almont Barnes. Postal Telegraph-Cable Western Union Telegraph Co. Thos. B. Baldwin John S. Charlton St. Louis Southwestern Rwy. Co. of Texas. Pere Marquette R. R. Co. The Chicago, Burlington and Quincy R. R. Codo.		22,816.47
Apr. 4	H. M. Creel	Traveling expenses	135.40
	Thos. Cook & Son	Passenger transportation	315.66 189.00
	H. M. Creel	do	189.00
	John S. Charlton	do	189.00
	Thos. B. Baldwin	do	189.00 189.00
	J. E. Rickards	do	243.00
6	H. R. Danielson	do.	40.00
	Jno. L. Cantwell.	do	20.40 25.50
	L. M. Erskine	do	51. 10
. 7	Jno. J. Darg	Traveling expenses	163.58
	F. B. Headley	Salary	40.00
9	Thomas P. Cooper	do	40.00
	The Smith-Powell Paper Co. (Incorporated).	Mucilage cups, etc.	5.00
	R. P. Andrews & Co. (Incorporated)	Paste	4.90
11	W. O. H. Shepard	Salary	20.40 69.52
11	Richard H. Lea	Salary	297. 90
14	E. S. Holmes, jr.	Traveling expenses	55.95
15	Chas. M. Daugherty.	Services	91.00
18	Almont Barnes.	Tolograph corrido	72, 00 2, 72
10	Western Union Telegraph Co.	do	12.01
- 1	Thos. B. Baldwin	Traveling expenses	12.01 167.66 79.56
19 20	John S. Charlton	Passangar transportation	79. 50
20	Pere Marquette R. R. Co.	assenger transportationdo	16.50 3.20
	The Chicago, Burlington and Quincy R. R.	do	12.50
	Co.	do	19.25
	Chicago, Milwaukee and St. Paul Rwy, Co	do	19.35
	Missouri, Kansas and Texas Rwy. Co	do	4.75
	do. do. do. Chicago, Milwaukee and St. Paul Rwy. Co. Missouri, Kansas and Texas Rwy. Co. Northern Pacific Rwy. Co. New York, New Haver and Hartford R. R. Co.	do	4.56 12.00
4	Co.		12.00
	Pennsylvania R. R. Co	do	19. 25 7. 50
	Pennsylvania R. R. Co	do	7.50 3.25
			5, 20
	Richard H. Lea	Salary	51.10
	E. T. Peters	Traveling arranges	
21	C. E. Edgerton	do	38.56
21 23	Eberhard Faber	Rulers	3.92 27.00
25	D. Frank Parker	Typewriter paper	27.00
	Remington Typewriter Co	Copyholders	6.00 4.00
	Wm. H. Rupp Co	Writing fluid	6.00
27 28	B. C. White	Traveling expenses	65.87
28	E. T. Peters do. C. E. Edgerton Eberhard Faber D. Frank Parker E. S. Newman Remington Typewriter Co. Wm. H. Rupp Co B. C. White Frankfort and Cincinnati Rwy. Co. Chicago, St. Paul, Minneapolis and Omaha Rwy.	Passenger transportationdo	2.80 6.15
	Rwy.	d o	11 (0
	Chicago, Rock Island and Gulf Rwy Co	do	11.40
	Choctaw, Oklahoma and Gulf R. R. Co. Chicago, Rock Island and Gulf Rwy. Co. Chicago and Alton Rwy. Co. Cleveland, Cincinnati, Chicago and St. Louis	do	7.41 7.50
	Cleveland, Cincinnati, Chicago and St. Louis	do	7.45
	Rwydo		3.40
	W.V		19.50

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

COLLECTING AGRICULTURAL STATISTICS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.	The Chesapeake and Potomac Telephone Co. Joseph L. Crupper The Hocking Valley Rwy. Co. Louisville and Nashville R. R. Co The Missouri Pacific Rwy. Co Pere Marquette R. R. Co Pennsylvania Co Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co. Pennsylvania R. R. Co. Southern Rwy. Co. Jno. J. Darg. Thos. B. Baldwin John S. Charlton Chas. M. Daugherty Almont Barnes E. S. Holmes, jr., et al. J. E. Rickardsdo. H. M. Creel B. C. White Thos. B. Baldwin A. B. Dick Co H. R. Danielson John Underwood & Co. Jno. L. Cantwell Edwin S. Holmes, jr. Jno. J. Darg. B. C. White L. M. Erskine Thomas P. Cooper Henry Hawkins F. B. Headly C. Bollinger Library Bureau The Maurice Joyce Engraving Co. Western Union Telegraph Co. James B. Lambie Co. (Incorporated) W. B. Moses & Sons M. Du Perow Woodward & Lothrop Barber & Ross Almont Barnes C. M. Daugherty H. M. Creel John S. Charlton Pennsylvania Company The Chesapeake and Ohio Rwy. Co Chicago and Alton Rwy. Co The Wabash R. R. Co. Union Pacific R. R. Co. Grand Rapids and Indianapolis Rwy. Co. Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co. Denver and Rio Grande R. R. Co. W. O. H. Sheppard		
Apr. 28	The Chesapeake and Potomac Telephone Co.	Telephone service	\$6, 25
	Joseph L. Crupper	Boxes	39.00
	The Hocking Valley Rwy. Co	Passenger transportation	8.35 27.50
	The Missouri Pacific Rwy, Co	do	9.40
	Pere Marquette R. R. Co.	do	1.94
	Pennsylvania Co	do	$   \begin{array}{r}     21.95 \\     3.90   \end{array} $
	Pittsburg, Cincinnati, Chicago and St. Louis	do	3.90
	Pennsylvania R. R. Co	do	56, 80
	Southern Rwy. Co	do	56.80 27.50
30	Jno. J. Darg	Salary	182.00
	John S. Charlton	do	182.00 182.00 91.00
	Chas. M. Daugherty	do	91.00
	Almont Barnes	do	72.00
May 2	E. S. Holmes, jr., et al	Salaries	3,396.19
May 2	do	Salary	6.75 234.00
	H. M. Creel	do	182.00 182.00 149.45
	B. C. White	do	182.00
4	A R Dick Co	Cylinder etc	5.00
	H. R. Danielson	Salary	40.00
	John Underwood & Co	Carbon paper	9.95 19.80
7 9	Jno. L. Cantwell	Salary	19.80
θ	Jno. J. Darg	do	158.28
11	B. C. White	do	75.40 158.28 127.25 49.50
	L. M. Erskine	Salary	49.50
	Thomas P. Cooper	do	40.00
	F. B. Headly	do	19.80 40.00
	C. Bolinger	do	24.70 20.90
13	Library Bureau	Cards, etc	20.90
	Western Union Telegraph Co	Engraving	.50 112.40
	James B. Lambie Co. (Incorporated)	Brackets	4.48
	W. B. Moses & Sons	Chairs	4.48 18.05
	M. Du Perow	Buzzers, etc	6.60 50.94
	Barber & Ross	Locks etc	2.99
14	Almont Barnes	Salary	, 2, 99 48, 00 84, 00
	C. M. Daugherty	do	84.00
16 17	H. M. Creel.	Traveling expenses	48.74
18	Pennsylvania Company	Passenger transportation	104. 42 17. 50 6. 70
	The Chesapeake and Ohio Rwy. Co	do	6.70
	Chicago and Alton Rwy. Co	do	12.25
	Union Pacific R R Co	do	12. 25 7. 50 3. 60 3. 60 12. 25
	Grand Rapids and Indianapolis Rwy. Co	do	3.60
	Pittsburg, Cincinnati, Chicago and St. Louis	do	12.25
	Rwy. Co.	do	32.05
May 20	Rwy. Co. Denver and Rio Grande R. R. Co. W. O. H. Sheppard. E. T. Peters. Swayze, Bailey & Co. D. Frank Parker. U. S. Envelope Co. Pearre E. Crowl Co. E. T. Peters. Remington Typewriter Co. Pennsylvania R. R. Co. Burlington and Missouri River R. R. in Nebrasks.	Salary	19.80
23 24	E. T. Peters	do	19.80 175.00
24	Swayze, Bailey & Co	Mimeograph paper, etc	21. 10 16. 35
	U.S. Envelope Co.	Envelopes	518.61
	Pearre E. Crowl Co.	Stamp rubber	59, 50
25	E. T. Peters	Traveling expenses	30. 82 23. 50
26	Remington Typewriter Co	Typewriter carriage	23.50
	Burlington and Missouri River R. R. in Ne-	do	19. 20 55. 85
	braska.		
	The Atchison, Topeka and Santa Fe Rwy. Co.	do	14.59
31	A G Masins	Salary	$\begin{array}{c} 2.50 \\ 15.00 \end{array}$
91	Almont Barnes	do	84 00
	Chas. M. Daugherty	do	98.00 3,263.79 71.60 182.00
Tuno 1	E. S. Holmes, jr., et al.	Salaries	3, 263, 79
June 1	Jno I Darg	do	182.00
	Thos. B. Baldwin	do	182.00 182.00 182.00
	braska. The Atchison, Topeka and Santa Fe Rwy. Co. Old Dominion Steamship Co. A. G. Masius A. G. Masius Almont Barnes Chas. M. Daugherty E. S. Holmes, ir., et al. S. W. Halsey Jno. J. Darg Thos. B. Baldwin H. M. Creel B. C. White John S. Charlton J. E. Rickards B. C. White	do	182.00
	B. C. White.	do	182.00
	J. E. Rickards	do	182.00 234.00 149.95
3	D C TILLA	(Day and Mary and and and	140.05

## Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. COLLECTING AGRICULTURAL STATISTICS-Continued.

Date.	Name.	Nature of payment.	Total.
1904. ine 3			
ne 3	Adams Express Codo.  National Electric Supply Co. The Smith Premier Typewriter Co G. W. Littlejohn J. P. Nawrath. Wolf Bros. Thos. B. Baldwin. Jno. J. Darg. L. S. Lee.	Passenger transportationdo	\$0.3
	National Electric Supply Co	Shades	2. 5 1. 0
	The Smith Premier Typewriter Co	Shades Repairs	1.0
	G. W. Littlejohn	Maps	41.8
6	J. P. Nawrath	Twine Envelopes Traveling expenses	6.1 255.0
	Thos. B. Baldwin	Traveling expenses	255.0 157.7
	Thos. B. Baldwin. Jno. J. Darg. J. S. Lee. Stephen D. Fessenden Henry Hawkins. H. R. Danielson. C. Bollinger Jno. L. Cantwell. L. M. Erskine. F. B. Headley	do	146.5
0	J. S. Lee	Dust protectors	15.0 113.1
8	Henry Hawkins	Salary	20.4
	H. R. Danielson	do	40.0
	C. Bollinger.	do	25.6
	Jno. L. Cantwell	do	20.4
	L. M. Erskine. F. B. Headley Thos. P. Cooper. James G. Pepper John S. Charlton Almont Barnes A. G. Masius C. M. Daugherty H. M. Creel James G. Pepper W. O. H. Shepard Bichard H. Lea	do	51. 0 40. 0
	Thos. P. Cooper.	do	40.0 40.0
	James G. Pepper	Traveling expenses	79.1
11	John S. Charlton	Colomy	72.5 87.0
15	A. G. Masins	do	25.0
	C. M. Daugherty	do	91.0
	H. M. Creel	Traveling expenses	110. 2 35. 6
17	M. Daughery H. M. Creel James G. Pepper W. O. H. Shepard Richard H. Lea Geo. W. Millar & Co The Smith Premier Typewriter Co Western Union Telegraph Co. F. T. Paters	do	35.6
18	W. O. H. Snepard	Salary	20. 4 100. 5
20	Geo. W. Millar & Co.	Paper	18.0
	The Smith Premier Typewriter Co	Repairs Telegraph service	6.0
0.4	Western Union Telegraph Co	Telegraph service	14.9
24	Western Unit legisphics E. T. Peters do L. F. Sloan A. G. Masius	Salary. Traveling expenses Services Salary.	182.0
	L. F. Sloan	Services	37. 2 75. 8
30	A. G. Masius	Salary	35, 0
	C. M. Daugherty	dő	91.0
	Thos. B. Baldwin	do	182.0 150.0
	Fred E Brooks	do	125.0
	A. G. Masius C. M. Daugherty Thos. B. Baldwin C. H. Morse Fred. E. Brooks P. A. Rogers E. C. Hutchinson F. E. Dawley Geo. E. Adams John T. Cox E. D. Howe C. L. Gold E. E. Kaufman	do	175.0
	E. C. Hutchinson	do	75.0 175.0
	F. E. Dawley	do	175.0
	John T. Cox	OD	75.0 75.0
	E. D. Howe	do	75.0
	C. L. Gold	do	75.0
30	C. L. Gold. E. E. Kaufman C. W. Burkett. R. H. Thomas. James H. Lane Edward Wiggin A. M. Hawley H. W. Desgranges D. E. Morton E. M. Hemphill M. T. Lightner John J. Rosa Wells W. Miller	do	150.0
30	R H Thomas	do	125. 0 150. 0
	James H. Lane	do	137. 5
	Edward Wiggin	do	75.0
	A. M. Hawley	do	112.5 125.0
	D. F. Morton	do	75.0
	E. M. Hemphill	do	137. 5
	M. T. Lightner	do	137. 5 150. 0
	John J. Rosa	do	75.0
	Wells W. Miller Wm. G. Whitmore McKensie R. Todd S. Arthur Knapp	dodo	200.0
	McKensie R. Todd	do	175.0 125.0
	S. Arthur Knapp	do	165 (
	T. J. Anderson	do	200. 0 200. 0 150. 0
	F F Schorbel	do	200. C
	L. T. Moulton	do	175.0
	Oswald Wilson	do	275. (
	H. W. Vail	do	75.0 100.0
	S. Arthur Knapp. T. J. Anderson. Sarah K. Harwood E. F. Scherbel. L. T. Moulton. Oswald Wilson. H. W. Vail William Nelson. John Cownie	do	200.0
	Sherman J. Seal	do	112.
	William Nelson John Cownie Sherman J. Seal C. D. Boardman W. C. Duncan O. B. Lovette J. A. Hayden Jacob J. Corley Jno. J. Darg B. C. White John S. Charlton H. M. Creel J. E. Rickards	do	112. 5 150. 0
	W. C. Duncan	do	200.0
	U. D. LOVETTE	do	125.0
	Jacob J. Corley	do	112. 3 125. 0
	Jno. J. Darg	do	182.0
	B. C. White	do	182.0
	John S. Charlton	do	182.0 182.0
		(10)	182.

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd COLLECTING AGRICULTURAL STATISTICS—Continued.

Dat	te.	Name.	Nature of payment.	Total.
190				
June	30	J. E. Richards Geo. W. Perry E. S. Holmes et al.	Traveling expenses	\$3.25
		E. S. Holmes et al.	Salaries	112.50 3,204.38
		Total fourth quarter		27, 320. 24
		Supplemental.		
Turler	1	Almont Barnes B. C. White Thos. B. Baldwin Jno. J. Darg. John S. Charlton R. H. Lea C. B. Bollinger Jno. L. Cantwell L. M. Erskine Henry Hawkins Thos. P. Cooper H. R. Danielson	Colomy	26 00
July	5	B. C. White	Traveling expenses	36.00 117.12
	6	Thos. B. Baldwin	do	117. 12 133. 14
		Jno. J. Darg	do	153.92
	8	P H Lee	Salary	94.00
	11	C. B. Bollinger	do	26.37 24.70
		Jno. L. Cantwell.	do	19.80
	- 3	L. M. Erskine	do	49.50
	- 0	Thos. P. Cooper	do	19.80 40.00
		H. R. Danielson	dodo.	40.00
		F. B. Headley	do	40.00
	15	H. R. Danielson F. B. Headley H. M. Creel W. O. H. Shepard E. T. Peters	Traveling expenses	58.38 19.80
	18	E. T. Peters	servicesdo	175.00
		do	Expenses	58.50
	19	do. Swayze, Bailey & Co. Baltimore and Ohio R. R. Co. A. F. Jorss	Files, etc. Passenger transportation	21.96
	20	A F Jorga	Passenger transportation	64.45 15.00
		Freund & Anderson	Screens	8.00
		Remington Typewriter Co	Copyholders, etc	10.90
		F. A. Schmidt.	Mucilage	2 10
	23	The Smith Premier Typewriter Co	Typewriter, etc	91.50 39.90
	20	Washington Southern Rwy, Co	- do	3.50
	30	Missouri, Kansas and Texas Rwy. Co	do	14, 50
		Seaboard Air Line Rwy	do	11.20 15.36
		The Wahash R R Co	do	8.00
		San Antonio and Aransas Pass Rwy. Co	do	6.30 19.20
		Baltimore and Ohio R. R. Co. A. F. Jorss. Freund & Anderson Remington Typewriter Co. F. A. Schmidt. The Smith Premier Typewriter Co. Southern Rwy. Co. Washington Southern Rwy. Co. Missouri, Kansas and Texas Rwy. Co. Seaboard Air Line Rwy. Union Pacific R. R. Co. The Wabash R. R. Co. The Wabash R. R. Co. The Texas and Pacific Rwy. Co. Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.	do	19. 20 16. 65
		Rwy. Co.		
		do	do	. 22.40 22.63
		Co.	do	. 22.03
		Cleveland, Cincinnati and St. Louis Rwy. Co.	do	15.10
		Chicago, Milwaukee and St. Paul Rwy. Co	do	10.87
		Grand Rapids and Indiana Rwy. Co	do	4.26
		do	do	4.26 22.70 18.97
		Denver and Rio Grande R. R. Co	do	14,00
		Chicago and Northwestern Rwy. Co	do	38.00
		Co. Cleveland, Cincinnati and St. Louis Rwy. Co. Chicago, Milwaukee and St. Paul Rwy. Co. Grand Rapids and Indiana Rwy. Co. Great Northern Rwy. Co. do. Denver and Rio Grande R. R. Co. Chicago and Northwestern Rwy. Co. The Missouri Pacific Rwy. Co. The Lake Shore and Michigan Southern Rwy. Co. Co.	do	5.80 6.50
		Co.		
Aug.	1	Co. S. W. Halsey W. J. Northern J. E. Rickards The Chesapeake and Potomac Telephone Co. do. Western Union Telegraph Co. American Grocer Contelburo (Limited)	Services	69.20
	2	W. J. Northern	Traveling expenses	180.00 1.50
	3	The Chesapeake and Potomac Telephone Co.	Telephone service	1.17
		do	do	6, 25
	16	Western Union Telegraph Co	Telegraph service	15.41 3.00
	17	Comtelburo (Limited)	do	8. 52
		Lamb & Tilden.	Ink	6.00
	18	Fruit World Publishing Co.	Subscription	1.00
	22	Willett & Gray	Salary	15.00 24.70
Sept.		Hocking Valley Rwy. Co.	Passenger transportation	24.70 3.70
r		American Grocer. Comtelburo (Limited). Lamb & Tilden. Fruit World Publishing Co. Willett & Gray L. F. Sloan. Hocking Valley Rwy. Co. Minneapolis, St. Paul and Sault Ste. Marie Rwy.	do	2.45
				27.51
		St. Louis and San Francisco R. R. Co Morgan's Louisiana and Texas R. R. and	do	10.85
		S. S. Co.		0.0*
		Chicago, St. Paul, Minneapolis and Omaha Rwy.	i P	8.65
		Michigan Central R. R. Co. Louisville and Nashville R. R. Co. New Orleans and Northwestern R. R. Co. Michigan Central R. R. Co.	do	3.80
		Louisville and Nashville R. R. Co	do	14.85 9.60
		Move Orleans and Monthweatorn D. D. Ca		

## Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd..

ate.	Name.	Nature of payment.	Total.
904.			
t. 19	Grand Rapids and Indiana Rwy. Co	Passenger transportation	\$4.2
	do	do	3.6
	do	do	12. 1
	Great Northern Rwy. Co	do	18.5
	Houston Fact and West Toyog Park Co	do	3.1 6.9
	Union Pacific R R Co	do	31.6
	Grand Rapids and Indiana Rwy. Codo. do. Great Northern Rwy. Co. Gulf, Colorado and Santa Fé Rwy. Co Houston East and West Texas Rwy. Co Union Pacific R. R. Co The Missouri Pacific Rwy. Co Northern Pacific Rwy. Co Cleveland, Cincinnati, Chicago and St. Louis Rwy.	do	27. 1
	Northern Pacific Rwy. Co.	do	21.9
	Cleveland, Cincinnati, Chicago and St. Louis	do	11.5
	Chicago, Milwaukee and St. Paul Rwy. Co Pittsburg, Cincinnati, Chicago and St. Louis	do	10.8
	Rwy. Co.	do	3.9
	Cleveland, Cincinnati, Chicago and St. Louis	do	3,4
	Rwy.		0.1
	Chicago and Northwest Rwy. Co	do	9.1
	International and Great Northern R. R. Co	do	3.4
	Chicago and Northwest Rwy. Co International and Great Northern R. R. Co Missouri, Kansas and Texas Rwy. Co. of	do	3.0
	Texas.	a.	= 0
	Chicago and Northwestern Rwy. Co Chicago, Rock Island and Pacific Rwy. Co	do	7.8 34.6
	do	do	17. 2
	Burlington and Missouri River R. R. in Ne-	do	4.0
	braska.		
	Oregon Short Line R. R. Co	do	19.6
	The Chicago, Burlington and Quincy Rwy.	do	55.0
	Co.	do	14.0
	Denver and Rio Grande R. R. Co	do	23.8
	do	do.	13.8
	The Texas Pacific Rwy. Co	do	9.6
	Baltimore and Ohio R. R. Co	do	6.7
	do	do	17.2
	mb. D. ll	do	13. 1 2. 5
	do	do	64.5
	do	do	13.5
	The Pullman Codododododrdodo	do	8.5
	The Wabash R. R. Co	do	42.7
	do	do	9.7
	do	do	4.4
	The Chesapeake and Onio Rwy. Co	00	6.7 43.7
	The Lake Shore and Michigan Southern Rwy.	do	3.2
			0.2
	Southern Rwy, Co	do	27.5
	Pere Marquette R. R. Co	do	8.8
	Southern Rwy. Co. Pere Marquette R. R. Co. The Yazoo and Mississippi Valley R. R. Co. The Lake Shore and Michigan Southern Rwy.	do	6.8
	Co.	00	13.5
20	Harris & Shafer Co	Renairs to clock	1.6
-0	Adams Express Co.	Transportation.	2.5
24	The Chesapeake and Ohio Rwy. Co	Passenger transportation	2.5 6.7
	Harris & Shafer Co. Adams Express Co. The Chesapeake and Ohio Rwy. Co. Western Union Telegraph Co.	Telegraph service	19.6
			0.755.0
	Total		2,755.2
al firs	RECAPITULA	TION.	\$16 407
u sec	rd quarter		22, 304. 2
l fon	ond quarter rd quarter urth quarter oplemental		27, 320, 2
l sur	pplemental		2,755.2
1	_		

Total first quarter	\$16,407.11
Total second quarter	32, 564, 20
Total third quarter	22, 816, 47
Total fourth quarter	27, 320, 24
Total supplemental	2,755,27
11	,

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. PAID BY UNITED STATES TREASURY.

Date.	Name.	Nature of payment.	Total.
1903. Nov. 10	Pennsylvania R. R. Co	Passenger transportation	<b>\$</b> 78.25
1904. Jan. 15 Feb. 17 Sept. 8	The Public Printer. Southern Pacific Codo. do.	do	665, 40 24, 73 67, 35 80, 00
Sept. 8	Total		915.73

#### COLLECTING AGRICULTURAL STATISTICS-1903-4.

B. C. White. J. S. Charlton T. B. Baldwin S. D. Fessenden T. B. Baldwin Total first quarter  Stephen D. Fessenden  do  do  do  Total second quarter  Great Northern Rwy. Co The Oregon R. R. and Navigation Co John J. Rosa H. W. Vail E. D. Howe	dod	\$182, 182, 182, 58, 149, 753, 99, 156, 140, 59, 456,
T. B. Baldwin S. D. Fessenden T. B. Baldwin Total first quarter Stephen D. Fessenden do do do Total second quarter  Great Northern Rwy. Co The Oregon R. R. and Navigation Co John J. Rosa H. W. Vail	doTraveling expensesdo	182. 58. 149. 753. 99. 156. 140. 59. 456.
T. B. Baldwin  Total first quarter  Stephen D. Fessenden  do  do  do  Total second quarter  Great Northern Rwy. Co  The Oregon R. R. and Navigation Co  John J. Rosa  H. W. Vail	Traveling expensesdo	149. 753. 99, 156. 140. 59. 456.
T. B. Baldwin  Total first quarter  Stephen D. Fessenden  do  do  do  Total second quarter  Great Northern Rwy. Co  The Oregon R. R. and Navigation Co  John J. Rosa  H. W. Vail	Traveling expensesdo	753.  99, 156, 140, 59, 456,
Stephen D. Fessenden	Traveling expenses	99, 156, 140, 59, 456,
dodododododododo.	do d	156. 140. 59. 456.
Total second quarter.  Great Northern Rwy. Co. The Oregon R. R. and Navigation Co. John J. Rosa. H. W. Vail	Passenger transportationdo Servicesdo	140. 59. 456.
Total second quarter.  Great Northern Rwy. Co. The Oregon R. R. and Navigation Co. John J. Rosa. H. W. Vail	Passenger transportationdo Servicesdo	59 456 25 11
Total second quarter	Passenger transportationdoServicesdo	456 25 11
Great Northern Rwy. Co. The Oregon R. R. and Navigation Co. John J. Rosa. H. W. Vail	Passenger transportationdo. Servicesdo	25 11
John J. Rosa H. W. Vail	Servicesdo.	11
John J. Rosa H. W. Vail	Servicesdo.	11
John J. Rosa H. W. Vail	Servicesdo.	75
E. D. Howe		75
D. E. Morton		75 75
E. C. Hutchinson		75
John T. Cox.	do	75
Edward Wiggin		75
Geo. E. Adams		75
Chas. L. Gold.	do	75
		100 112
		112
Geo. W. Perry	do	112
Jas. A. Hayden	do	112
		125
		125 125
U. W. Burkett	do	125
McKenzie R. Todd	do	125
C. D. Boardman		150
M. T. Lightner	do	150
E. E. Kaufman		150
		150 150
		150
		200
		200
W. C. Duncan	do	200
John Cownie	do	200
Sarah K. Harwood	do	200
		3,787
	S. J. Seal A. M. Hawley Geo, W. Perry Jas. A. Hayden Fred. E. Brooks O. B. Lovette C. W. Burkett J. J. Corley McKenzie R. Todd C. D. Boardman M. T. Lightner E. E. Kaufman E. F. Scherbel C. H. Morse R. H. Thomas Wells W. Miller T. J. Anderson W. C. Duncan John Cownie Sarah K. Harwood	M. T. Lightner do

#### RECAPITULATION.

Total first quarter	\$753.25
Total second quarter.	456.24
Total third quarter	3,787.35

Total 4,996.8-

## Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. FOREIGN MARKETS.

Dat	e.	Name.	Nature of payment.	Total.
1903	31	F. M. Dearing et al.	Salaries	\$494, 82
July Aug.	17	Library Bureau	Scrapbooks Salaries	6.00
	31	Library Bureau F. M. Dearing et al dodo	Salaries	478.41
Sept.	30	do	do	464.80
		Total first quarter		1,444.03
Oct.	24	Keystone Type Foundry	Type	191.02
Nov.	31	F. M. Dearing et al. Southern Printers' Supply Co	Salaries Cases, etc	472.60 10.80
1101.	1	do	Malling machine etc	120.34
	7	Remington Typewriter Co. Southern Printers' Supply Co F. W. Dearing et al. Southern Printers' Supply Co.	RollerQuads	2.45
	13	Southern Printers' Supply Co	Salaries	28.05 464.80
Dec.	2	Southern Printers' Supply Co	Type.	4.06
200.	10	do. Keystone Type Foundry. Inland Type Foundry F. M. Dearing et al.	do.	10. 20
	17	Keystone Type Foundry	do	7.77
	28 31	Inland Type Foundry	Solorios	9, 40 472, 60
	91	r. M. Dearing et al	Balaties	
		Total second quarter		1,794.09
1904	1.			
Jan.	8	George K. Holmes. Keystone Type Foundry. Frank R. Rutter.	Traveling expenses	99. 25
	16	Keystone Type Foundry	Type	8.88
	26 31	Frank R. Rutter. F. M. Dearing et al.	Traveling expenses Salaries	70.00 486.40
Feb.	29	dodo.	do	467. 20
Mar.	28	do Estate of John C. Parker	Record paper. Cleaning machine, etc	18.00
	31	E. S. Newman F. M. Dearing et al	Cleaning machine, etc	10.50
		r. m. Dearing et al	Salaries	486.40
		Total third quarter		1,646.63
Apr.	9	E. S. Newman	Repairs to machine	20.50
	12	W. B. Moses & Sons. Union Envelope Co.	Units	88.25 7.70
		Grant Carpenter	Envelopes Repairing	25, 00
	20	Inland Type Foundry	Quads Type	47.00
	25	American Type Founders' Co	Type	16.58
	30	F. M. Dearing et al	Paper	3, 75 651, 60
	11	E. G. Ward	Salaries Traveling expenses Pair knives Paper	61.05
	16	Mary E. Parker, executrix	Pair knives	. 65 15. 00
	26 31	Swayze, Bailey & Co	Paper Salaries	15.00 666.80
June	3	R. Carter Ballantyne	Envelopes, etc.	19. 56
	8	E. G. Ward	Envelopes, etc. Traveling expenses Repairs to arithmometer.	167, 23
	11	Grant Carpenter	Repairs to arithmometer	25.00 25.00
	20	Union Envelope Co Grant Carpenter Inland Type Foundry American Type Founders' Co Wm. H. Rupp Co. F. M. Dearing et al. E. G. Ward. Mary E. Parker, executrix Swayze, Bailey & Co. F. M. Dearing et al. R. Carter Ballantyne E. G. Ward. Grant Carpenter. do. Adams Express Co.	Transportation	25.00 2.25
		The Chesapeake and Potomac Telephone Co.	Transportation. Telephone service.	1.20
	30	F. M. Dearing et al	Salaries	532.60
		Total fourth quarter		2,376.72
July	30			12.30
	-	Gulf, Colorado and Santa Fe Rwy. Co	do	3.00
		Norfolk and Washington, D. C., S. B. Co	do	3.00
				3. 00 5. 00
Aug.		New York, New Haven and Hartford R. R. Co Wm. H. Rupp Co Maine Steamship Co	Paper	25, 00
	18	Maine Steamship Co	Passenger transportation	6.00
Sept.	27	R. Carter Ballantyne	Envelopes	13. 20 1. 15
		do.	do.	1. 15
	19	Atlantic Coast Line R. R. Co	Passenger transportation	17.45
		Pennsylvania R. R. Co	do	6.50 49.75
		Boston and Maine R. R	do	2 50
		Louisville and Nashville R. R. Co	do	2.50 7.33
	20	U. S. Express Codododododododo	Transportation	2, 40
		Total		158.73

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

### RECAPITULATION.

	•	
Total first quarter	9	31,444.03
Total second quarter		1 794 09
Total third quarter Total fourth quarter Total supplemental		1,646,63
Total fourth quarter		2,376.72
Total supplemental		158.73
	_	
Total		7,420,20

### LIBRARY.

Date.	Name.	Nature of payment.	Total
1903.			
uly 16	Municipal Journal Publishing Co	Subscription	\$3.
	Scientific American Club	Encyclopedia. Reference books	9. 27.
	Lemcke & Buechner	Reference books	27
	Out West Co	Book	1.
	Gustav E. Stechert	do	10
	Dodd Maada & Co	Enevelopedia	33.
	R. B. Mosher	Executive Register, United States	2.
20	J. F. Monaghan	Book	
	J. G. Lay	do	1
	Jno. Barrow	do	4
22	Lemcke & Buechner	do	60
27	H. C. Patterson	Books	25
31	M. N. Barnard et al.	Salaries	129
ug. 4	W. H. Loudermilk & Co	Salaries Subscription to Railway Guide	8
ug. 4	D D Hashan		
	E. G. Love	do	
	The University of Chicago Press	do	
	American Trotting Register Association	do	2
	American Field Publishing Co.	do	
	do	do	2
	G. E. Stechert	Books	10
	T. H. Castor & Co.	do	13
	F. B. Hoeser E. G. Love The University of Chicago Press. American Trotting Register Association. American Field Publishing Co. do. G. E. Stechert. T. H. Castor & Co. Lemcke & Buechner do.	do	106
	do	do	33
	do . Bernard Quaritch . Wm. Wesley & Son . John K. Small . Wm. Brough & Sons . Thos. Howell . Lameka & Buechner	do	34
19	Bernard Quaritch	do	294
	Wm. Wesley & Son	do	126
	John K. Small	Book	3
20	Wm. Brough & Sons	Books	40
26	Thos. Howell	do	3
28			346
31	M. N. Barnard et al. Wm. Ballantyne & Sons	Salaries	134
ept. 10	wm. Ballantyne & Sons	Dictionary	9
11	Lemcke & Buechner	Journal	7
11	C. L. Pollard	Book	1
177	University of Pennsylvania Press Lemcke & Buechner Office of the Publisher's Weekly	B00KS	1, 195
17	Office of the Dublishesis West-lar	dod0	3,193
24	G. E. Stechert	dodo	16
, 24		do	7
	Paul Klincksieck.	do	21
	Dodd Maada & Co	International Year Book	6
	Dodd, Meade & Co The Sun Printing and Publishing Association. Brentano's	International Year BookSubscription.	8
	Brentano's		2
	Gaylord Bros	Paper	1
	J. H. Bowman M. N. Barnard et al	Paper Subscription Salaries	1
30	M. N. Barnard et al	Salaries	155
	,		
	Total first quarter		2,910
-1 10	Table man	T1-	
ct. 12	Lamb & Tilden. Smithsonian Institution.	Ink	4
14	Smithsonian Institution	Catalogue	7
	National Geographic Society	Book	4
	G. E. Stechert. Scientific American Club	Encyclopedia	9
22	Lemcke & Buechner	Rooks	56
23	Gustav E. Stechert	do	31
20	do	do	33
	do	do	1
	Wm. Wesley & Son	do	20
	do	do	. 39
			34
			29
	Usconsin Farmer Co Josephine Klippart H. Clay Crawford Martinus Nyhoff Leary, Stuart & Co. E. T. Cresson	do	4
	Josephine Klippart	do	14
	H. Clay Crawford	do	1
	Martinus Nyhoff	do	101
	Loary Stuart & Co	do	
			2

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. LIBRARY—Continued.

Da	te.	Name.	Nature of payment.	Total.
190				
Oct.		Romeyn B. Hough Spou & Chamberlain W. Junk	Books	\$5.00
		Spou & Chamberlain.	do	19.50 38.27 9.30
		W. Junk.	do	38, 27
		H. E. Hooper Edw. L. Greene Lemcke & Buechner M. L. Sewall et al	do	1.00
	24 31	Lemcke & Buechner	do	25.85
3T	31	M. L. Sewall et al	Salaries	136. 81 131. 60
Nov. Dec.	. 30	do. Brentano's W. W. Karr Lemcke & Buechner	Year Book.	2, 70
200.	2	W. W. Karr	Books	2.70 6.70
		Lemcke & Buechnerdo	do	13.44
Dec.	1			14. 15 23. 16
200.	•	Lemeke & Bueennerdo C. M. Parker Lord & Nagle Co The Lawyers' Cooperative Publishing Co. F. V. Coville Wm. Ballantyne & Sons	do	90.35
		C. M. Parker	Toutile World Dansel	. 50
	3	The Lawyers' Cooperative Publishing Co	Digest	3.00 6.00
	10	F. V. Coville.	Book	12.06 38.30
	11	Wm. Ballantyne & Sons.	Books	38.30
	14	August R Ohman	Man	2.82 4.00
		Dodd, Mead & Co.	Map. Subscription to Bibliographer. Book Encyclopedia Catalogue	5.00
		Dodd, Mead & Co. T. H. Castor & Co. Scientific American Club.	Book	6. 52
		Scientific American Club	Encyclopedia	4.75
		Lemcke & Buechner	Foreign Publications	$\frac{1.25}{72.50}$
	16	Scientific American Club Linneau Society of London Lemcke & Buechner The Arthur H. Clark Co.	Book.	
	17	W. J. Holland	do	4.00
	17	The Arthur H. Clark Co. W. J. Holland House and Garden U. P. Hedrick Lemcke & Buechner do. W. Junk West Publishing Co. do. Gustav E. Stechert G. E. Stechert	do	.50 .75
		Lemcke & Buechner.	Books	42.96
		do	do	9.30
		West Publishing Co	do	21.00
		do	do	4.00 17.50 10.25
		Gustav E. Stechert	do	10. 25
		G. E. Stechert	do	74. 25 7. 20
	31	M. L. Sewall et al.	Salaries.	134. 20
		Total second quarter		1,401.12
190	14			
Jan.	12	W. H. Lowdermilk & Co	Books	340,66
	14	W. H. Lowdermilk & Co. The Arthur H. Clark Co.	Book	1.50
		W. A. Kellerman	do	1.00
		J. Thos. Heffin	do	3.00 2.00
		H. C. Patterson	Books	23.50
	16	Chas. E. Lauriat Co	do	2.49
	10	Mu. A. Kellerman . Municipal Journal Publishing Co. J. Thos. Heftin . H. C. Patterson . Chas. E. Lauriat Co . Gustay F. Stechert . Lemcke & Buechner . Prontone	do	9. 13 14. 63
	18	Brentanos.	do	4.80
		K. P. Andrews & Co.	Trunk board	11.40
	26	Lemcke & Buechner Brentanos. R. P. Andrews & Co Coach and Saddle Publishing Co John C. Parker W. H. Lowdermilk & Co W. A. Kellerman Library Bureau Wm. Ballantyne & Sons Lemcke & Buechner	Guide	5. 00 3. 50
		W. H. Lowdermilk & Co.	Books	2 60
		W. A. Kellerman	Stooles	2. 00 420. 00
		Wm. Ballantyne & Sons	Books	54.50
		Lemcke & Buechner	do	79.10
		do	do	58,55
		Floral Life Publishing Co.	Subscription	40.70 1.00
		A. L. A. Publishing Board.	Cards	1.32
		do. do. do. Floral Life Publishing Co. A. L. A. Publishing Board L. M. Underwood H. N. Patterson	Index	11.69
		Charles Evans	Book	22.50 15.00
		E. Nourry	do	1. 25
		The H. W. Wilson Co.	do	6. 25
		American Society Civil Engineers	do	16. 18 7. 27
		The Midget Novelty Co	Stapling machine	4, 25
	-00	Municipal Engineering Co.	Books.	4.00
	29	Lea Bros & Co	Books	2.00 6.25
		Joseph Baer & Co.	do	7, 21
		Charles Evans E. Nourry The H. W. Wilson Co. Dodd, Mead & Co. American Society Civil Engineers The Midget Novelty Co. Municipal Engineering Co. Out West Co. Lea Bros. & Co. Joseph Baer & Co. The Arthur H. Clark Co. Lemcke & Buechner	do	2,50
		Lemcke & Buechner	0D	12.46

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

LIBRARY—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 29	Lemcke & Buechner	Books	\$28, 23
	John C. Parker. Smithsonian Institution	Directories	125.00
31	M I Sewall	Book	4. 25 85. 20
Feb. 9	Woodward & Lothrop	Dictionary, etc.	10, 25
12	M. L. Sewall Woodward & Lothrop Gauthier Villars California Fruit Grower	Salary. Dictionary, etc. Books. California Fruit Grower, 1903	16.40
	California Fruit Grower	Books	2.00 7.20
	J. K. Smail. English Jersey Cattle Society. Samuel N. Rhoads. Scientific American Club.	do	16, 65
	Samuel N. Rhoads	do, Encyclopedia Books Books	4,00
23	Scientific American Club	Encyclopedia	4.75 2.50
	Scientific American Cutt. Samuel N. Rhoads. Gustav E. Stechert. Wm. Wesley & Son Gustav E. Stechert. do do	Books	9, 43
	Wm. Wesley & Son	do	194, 20
	Gustav E. Stechert	do	4.93
	do	do	16. 19 4. 55
	do. Cooper Ornithological Club	do	7.89
	Cooper Ornithological Club	do	2,00
29	A. Hermann. M. L. Sewall. Charles L. Pollard.	Solary	54. 20 79. 60
Mar. 3	Charles L. Pollard	Book	1.50
4	Emil Bargmann	do	10.00
21	I. D. Seabrook	Books	5. 00 6. 00
	Doubleday, Page & Co	do	3,00
	Charles L. Pollard Emil Bargmann I. D. Seabrook Callaghan & Co Doubleday, Page & Co The A. H. Clark Co Lemcke & Bucchner U. S. Hydrographic Office. Wm. Ballantyne & Sons Fronk P. Bonnett	do	2, 50
00	Lemcke & Bucchner	Dublications	31.80 3.30
22	Wm Rallantyne & Sons	Books	70. 21
24			1.00
	Tillens man Darmana	Order slips Book	4.00
	C. Peltenberger Sportsmens' Review Publishing Co	Books	3. 13 6. 75
26	J. A. Clark	Books. Traveling expenses Books. Memoirs	24, 60
29	H. Dessain	Books	8, 00 15, 00
31	Torrey Botanical Club	Book.	15.00 4.95
31	J. A. Clark.  E. Dessain Torrey Botanical Club. Smithsonian Institution University Press, John Wilson & Son (Incorporated).  M. I. Sowell M. I. Sowell	Subscription.	5,00
	corporated).		
	M. L. Sewall	Salary	<b>`85. 20</b>
	Total third quarter		2, 172. 17
	·		1 00
Apr. 9	Brentanos (Incorporated) American Agriculturist	"Who's Who," 1904 Year Book	1.80 1.00
11	The Field and Farm	Subscription.	2,00
12	West Publishing Co. University of Pennsylvania Press. Gustav E. Stechert.	Subscription Advance sheets Medical Bulletin	12.00
	University of Pennsylvania Press	Books	2.00 11.67
	do.	do	22, 25
	Scientific American Club Lemcke & Buechner	do	22. 25 4. 75 55. 36
	Lemcke & Buechnerdo	Booksdo	55.36 13.20
18	R. R. Bowker	Publication	3.50
10	Camagia Instituta of Washington	do	5.00
	A. Hermann	do. Subscription.	10.64 $2.50$
	National Geographic Society	Book.	10.00
19	Woodward & Lothrop. The Academy of Natural Sciences	Books.	27.50
0.5	Dulan & Co	do	6.10
25	Bank Law Publishing Co	do	222. 19 6. 00
	Wm. J. Gerhard.	do	13.00
00	Holstein Friesian Register	do	4.00 17.00
28	A. Hermann	do	15. 81
30	The Academy of Natural Sciences. Dulan & Co. R. Friedlander & Sohn. Bank Law Publishing Co. Wm. J. Gerhard. Holstein Friesian Register G. E. Stechert A. Hernann. M. L. Sewall. Eveline E. Stricker. Lemcke & Buechner R. R. Bowker	Salary	82, 40
May 4	Eveline E. Stricker	Book.	. 75 17. 76 5. 50
	R R Bowker	Books Catalogues Trays, etc Subscription	5,50
	R. R. Bowker Library Bureau Midland Publishing Co.	Trays, etc	7.25
	Midland Publishing Co	Subscription	2.00
	R L POIR & CO	Register	10.00 1.00
	New England Botanical Club The Academy of Natural Scienc <b>es</b> Annie Morrill Smith	Books.	25, 00
12	Annie Morrill Smith	Books	1.00 16.80
	Dodd, Mead & Co. Gaylord Bros.	Adhesive paper	16.80
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Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. LIBRARY—Continued.

Da	ate.	Name.	Nature of payment.	Total.
	004.			
May	7 12	Scientific American Club	Encyclopedia	\$14. 25 24. 50
	13	Gustav E. Stechert The Boston Journal of Commerce Publish-	Books. Subscription.	1.02
		ing Co. J. N. Rose	Books	7, 25
ř.	18	G. A. Poynder	do	23.96
	19	Brentanos (Incorporated)	Statesmans Year Book Books	2.70 10.32
	20	G. A. Poynder Brentanos (Incorporated) John Wiley & Sons. Lemcke & Buechner	do	24.08
		Vest Publishing Co. G. A. Poynder. B. L. Robinson The Arthur H. Clark Co.	dodo.	2.00 8.25
		G. A. Poynder	do	22, 62
	24	B. L. Robinson The Arthur H. Clark Co.	Card index.	18. 81 2. 50
	26			45.00
'Jun	e 31	M. L. Sewall Chas E. Goodspeed	Salary	85. 20 2. 00
Jan		Gustav E. Stechert	do.	92.95
	11	do	Nowene nare	329. 21 4. 80
	20	Brentanos (Incorporated)	Books.	2. 50
		W. H. Lowdermilk & Co	do	1. 95 186. 04
		Crane & Co.	do	2, 00
		M. L. Sewall Chas. E. Goodspeed Gustav E. Stechertdodo Brentanos (Incorporated) W. H. Lowdermilk & Codo Crane & Co Eyre & Spottiswoode Wm. Ballantyne & Sons American Jersey Cattle Club American Ornithologists' Union Chas. E. Lauriat Co Geo. F. Lasher The Lawyers' Cooperative Publishing Co Paul Klineksieck P. S. King & Son	do	18. 49 17. 00
		American Jersey Cattle Club	do.	3.00
		American Ornithologists' Union	do	.75
		Geo. F. Lasher	Guide	4.50 2.50
		The Lawyers' Cooperative Publishing Co	Books	18.00
		P. S. King & Son	do	32, 50 2, 06
		West Publishing Co	Reporter, etc.	7.50
		Wm. Wesley & Son	Books (indexes)	9. 25 141. 40
		Patti Kineksieek P. S. King & Son West Publishing Co The H. W. Wilson Co Wm. Wesley & Son Gustav E. Stechert Edgar Machana	do	27, 72
		Edgar Marburg G. A. Poynder Scientific American Club J. Schlesinger	Programme timber tests	8.75 1.20
		Scientific American Club	Books	14, 25
	29	J. Schlesinger Smithsonian Institution	do Zoology Guides	1.32 9.00
	20	J. Schlesinger Smithsonian Institution Swayze, Bailey & Co. R. Friedlander & Sohn. Entomological Society of Ontario The Cassier Magazine Co. Wm. Wesley & Son. L. D. Seabrook	Guides	16.00
		R. Friedlander & Sohn Entomological Society of Ontario	Books	12, 80 1, 00
		The Cassier Magazine Co.	Books "The Canadian Entomology" Subscription Books	. 75 23, 30
		Wm. Wesley & Son	Booksdo	23, 30 1, 50
		I. D. Seabrook National Railway Publishing Co Edw. J. Nolan	Guide Book	8, 00
		Edw. J. Nolan.	Book	2.50
		Total, fourth quarter		1,939.18
		Supplemental.		
	04.			
July	y 1 2	M. L. Sewall E. W. Brown	Salary. Text-book	82.40 8.43
	7	E. W. Brown Church & Stephenson R. Friedlander & Sohn	Lumber.	82.65
	19	R. Friedlander & Sohn	Books.	41.65
		do John Grant	do do	26. 82 9. 00
	19			17.70 20.00
	10	Chas. B. Hewitt. Lemcke & Buechner Library Bureau	Books.	221. 23 26. 70
		Library Bureau G. E. Stechert	Cards	26. 70
		Wm. Wesley & Son	do.	318.75 31.26
	20	Wm. Wesley & Son. Yawman & Erbe Manufacturing Co. Wm. Ballantyne & Sons.	do Cloth boxes Books	1.50 22.19
	20	do	do	66.80
		do. W. H. Lowdermilk & Co. A. L. A. Publishing Board. G. E. Stechert.	do.	1.20
Aug	g. 17	A. L. A. Publishing Board	Cards	23.30 .20
	18	G. E. Stechert	Chicago Record-Herald and Iowa	4.80
		do	State Register. Publications	24. 29
	29	Industrial Record	Subscription	2.00
		Total		1,032.87
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## 164 EXPENDITURES IN DEPARTMENT OF AGRICULTURE.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

### RECAPITULATION.

Total, first quarter Total, second quarter Total, third quarter Total, fourth quarter Supplemental	\$2,910.24 1,401,12 2,172.17 1,939.18 1,032.87
Total	9,455.58

#### CONTINGENT EXPENSES.

Date.	Name.	. Nature of payment.	Tota
1903.	The Smith Duemier Transveritor Co	Termo waiton	000
lly 13 15	The Smith Premier Typewriter Co	Typewriter Inspecting boilers	\$90 20
16	E. F. Vermillion P. G. Reed The Grave Lime and Coal Co	Roach destroyer	26
2.0			18
20	James Wilson. Washington city post-office. Emry Davis. Robacher's Disinfectant Co.	Traveling expenses	43
25	Washington city post-office	Postage stamps	500
	Emry Davis	Inkstands Disinfectant	43 15
	C. Becker	Hoof packing.	16
	R. P. Clarke Co.	Towels	78
	L. S. Depue	Hay, etc.	. 90
	R. P. Clarke Co. L. S. Depue James Halley et al	Towels Hay, etc Salaries	258
1g. 3	James Wilson	Traveling expenses	37
4	Wm. J. Zeh	Coal	4 143
	do. Ferd. Hopp	Fly traps	140
	C. Becker		16
7	C. Becker. J. Baumgarten & Sons.	Recutting seal and repairs	29
10	R. P. Clarke Co. J. C. Parker	Toweling	53
12	J. C. Parker	Recutting seal and repairs. Toweling Fountain pens, etc Fly nets, etc. Laundering towels Horseshoes Files.	218
10	G. Becker Harvard Laundry Co Theo. Schondan. W. H. Rupp Co. American Writing Machine Co. Leidy S. Depue. D. of C. Paper Manufacturing Co. James B. Lamble Co.	Fly nets, etc.	12 33
13	Theo Schonden	Horseshoes	6
14	W. H. Rupp Co	Files	1
	American Writing Machine Co	Stand	- 4
15	Leidy S. Depue	Feed	49
	D. of C. Paper Manufacturing Co	Blotting paper Leather belt Dating stamps Daters	77
	James B. Lambie Co	Leather belt	3
			7
	National Electrical Supply Co	Fans, etc.	88
		Shellac.	5
	do J. H. Brigham The American News Co The Press Clipping Bureau	Gasoline.	2
17	J. H. Brigham	Traveling expenses	38
	The American News Co	Fasteners	10
	The Press Clipping Bureau	Clippings	28
18	Yawman & Erbe Manufacturing Co Capital Traction Co	Guides Car tickets	41
10	R. Carter Ballantyne	Inkstands	8
	do	Inkstands Envelopes Cooler stand, etc	£
	Woodward & Lothrop. Yawman & Erbe Manufacturing Co	Cooler stand, etc	39
19	Yawman & Erbe Manufacturing Co	Sections	12
20	The Maurice Joyce Engraving Co. W. B. Moses & Sons Ernest Betz	Plate	77
	Ernest Retz	Shades, etc. Repairs to roof. Repairs to typewriter	18
	Densmore Typewriter Co	Repairs to typewriter	4
	M. Du Perow	Fan blade	1
	Densmore Typewriter Co. M. Du Perow Yawman & Erbe Manufacturing Co	Sections	45
0.5	Leidy S. Depue. Rudolph, West & Co. Remington Typewriter Co. W. H. Rupp Co. James S. Topham	Oats, etc.	32
25	Rudolph, West & Co	Hinges, etc. Typewriter and cover	92
	W. H. Rupp Co	Files, etc	56
	James S. Topham	Files, etc. Repairing mail bag.	56 4
	Machan Dios	Comps. etc	53
	American Ice Co	Ice	153
27	Clark & Davenport	Linoleum	59
	Thos. Somerville & Sons	Plugs, etc. Hemming towels. 24 tons coal.	1 8
	Wm. J. Zeh	24 tons coal	138
31	Agnes Hinton Wm. J. Zeh James Halley et al James Wilson Potomae Electric Power Co	Salaries	268
pt. 1	James Wilson	Salaries Traveling expenses	268 57
4	Potomac Electric Power Co.		134
	Washington Gaslight Co	Gas	18
0	The A. J. Joyce Carriage Co	Repairs to carriages	51 41
9	L. S. Denue	Oats, etc.	120
10	W. H. Rupp Co	Seals.	120
10	Washington Gaslight Co. The A. J. Joyce Carriage Co. R. C. Ballantyne L. S. Depue W. H. Rupp Co. E. G. Schafer & Co.	Tees, etc Lead pipe, etc Typewriter, etc	5
	do	7 1 1	13

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. CONTINGENT EXPENSES—Continued.

CONTINUENT EXTENSES—Continued.				
Da	te.	Name.	Nature of payment.	Total.
190	03.			
Sept	. 10	Woodward & Lothrop. The C. J. McCubbin Co. J. S. Topham.	Desk, etc	\$56.98
		The C. J. McCubbin Co	Corner basin	17.50
		J. S. Topnam.	Case	6.50
		Rudolph, West & Co.	Soda Nails, etc	1.25 42.96
	11	J. S. Topham Queen & Co. (Incorporated) Rudolph, West & Co. M. P. Bush. J. I. Holcomb Mfg. Co. J. T. Walker Sons. Harris & Shafer Co. The J. A. Gray Co. J. Viehmeyer & Son. W. J. Zeh. W. H. Dyer. do	Soap Floor sweeps	30.00
		J. I. Holcomb Mfg. Co	Floor sweeps	37.00 2.50
		J. T. Walker Sons	Lime Clock	2. 50 8. 40
		The I A Gray Co	Files	9.36
		J. Viehmeyer & Son	Files Stone door sill. Coal.	7. 00 39. 70
		W. J. Zeh	Coal	39.70
	12	W. H. Dyer	Sash, etc.	48.00
		dodo	Door, etc. Horseshoes Cloths for carriages.	28.00 7.50 1.50
		Agnes Hinton	Cloths for carriages	1.50
		T. R. Riley.		9.98
	14	J. H. Brigham	Traveling expenses	32, 82
	10	American Ice Co	Telegraph service	142. 62 15. 53
	18 21	Church & Stephenson	Closh for carriages Lumber Traveling expenses Lice Telegraph service Lumber Clock	131.81
	21	R. Harris & Co.	Clock	1.50
	24	Jas. Wilson	Clock Traveling expenses Clippings Cards	128, 15 8, 08
	00	American Press Clipping Bureau	Clippings	8.08
	28 30	T. R. Riley. J. H. Brigham. American Ice Co. Postal Telegraph Cable Co. Church & Stephenson. R. Harris & Co. Jas. Wilson. American Press Clipping Bureau. Library Bureau. Jas. Halley et al.	Cards	46.40 155.00
	30	Jas. Halley et al	Dalatics	100.00
		Total first quarter		4,718.33
Oct	0	I D Dagge	Commission	100.00
Oct.	2	I. P. Roosa	Washing towels	26.91
	3	Harvard Laundry Co. J. H. Brigham	Services Washing towels Traveling expenses	26. 91 12. 05
	8	John C. Parker	Envelopes	1.041.77
	10	Washington Gaslight Co	Gas	16.90
		John C. Parker Washington Gaslight Co. do. Ernest Betz	Envelopes Gasdo Repairs	18.60 31.10
		do	do	28.00
		Harvard Laundry Co	Washing towels	31.69
		Wm. H. Rupp Co	Envelopes, etc.	11.67
		do. Harvard Laundry Co. Wm. H. Rupp Co. Thos. Somerville & Sons. Potomac Electric Power Co.	Washing towels Envelopes, etc Repairs Electric current	40.24
		do	do	132.37 137.16 4.10
		The Geo. W. Knox Express Co	do. Transportation.	4.10
	10	The Geo. W. Knox Express Co. do. Standard Oil Company. E. G. Schafer & Co. Lamb & Tilden. Hugh Reilly. do. do. Chas. R. Edmonston. Instantaneous Fire Alarm Co. Harris & Shafer Co.	Oil.	.70
	12	F G Schefer & Co	Pine ete	17.50 4.10
		Lamb & Tilden	Pipe, etc	. 50
		Hugh Reilly	Adelite	. 50 2. 50
		do	do Varnish Pan	1.35
		Chas P Edmonston	Varnish	6.80 .25
		Instantaneous Fire Alarm Co.	Rent.	10.00
		Harris & Shafer Co	Clocks	16, 40
		C. Becker	Dressing, etc.	$6.2 \\ 18.22$
		do	Clocks Dressing, etc. Braces, etc. Stable supplies Matches	18. 22 14. 35
		T. W. Estler	Matches.	1.75
		Kiasbey & Mattison Co	Covering Machine ribbon	10, 40
		E. S. Newman	Machine ribbon	1.50
		Will. J. Zen.	Coal Feed	55, 30
		Robt, Murphy	Wood	122.00 49.00
	14	James B. Lambie Co	Wood Pliers Electrolier Lee	4. 23 28. 75
		Manhattan Electric Supply Co.	Electrolier.	28.75
	22	The American Press Clipping Bureau	Climing	132.86
	22	dododo T. W. Estler Kiasbey & Mattison Co E. S. Newman Wm. J. Zeh Leidy S. Depue Robt. Murphy James B. Lambie Co Manhattan Electric Supply Co American I ce Co The American Press Clipping Bureau J. H. Bunnell & Co John D. Galloway	Clippings Brackets and sockets	132, 86 12, 72 14, 75
	23	John D. Galloway	Fan switches Desks, etc Repairs. Traps, etc Brooms, etc	3.00
		Woodward & Lothrop. C. Becker.	Desks, etc	99.59
		U. Becker.	Repairs	5.40
		Rudolph, West & Co	Brooms etc	25. 70 41. 10
		R. P. Andrews & Co. (Incorporated).	Paper	16, 40
		Thos. Somerville & Sons. Rudolph, West & Co. R. P. Andrews & Co. (Incorporated) National Electrical Supply Co. Theo Schonden & Co.	Paper. Wire, etc.	16. 40 13. 51
		Theo. Schondan & Co	Horseshoes.	7.50
		Kellogg Switchhoard and Supply Co	Coils oto	68. 10 11. 00
		Theo. Schondan & Co. Pearre E. Crowl Co. Kellogg Switchboard and Supply Cododo.	Horseshoes	1,58
		U. S. Envelope Co.	Envelopes	53. 50

## Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

### CONTINGENT EXPENSES—Continued.

Date.	Name.	Nature of payment	Total.
1903.			
Oet. 23 27	U. S. Envelope Co	Envelopes Traveling expenses Telephone service	\$44.00
28	Jasper Wilson. The Chesapeake and Potomac Telephone Co.	Telephone service.	3.80 6.25
	no.	do	78 25
	E. S. Newman Lamb & Tilden J. E. Bromwell & Sons.	Paper for adding machine	2.25 3.00
	J. E Bromwell & Sons.	Plating	5.00
	W. B. Moses & Sons	Furniture. Pens, etc.	125.40
31	W. B. Moses & Sons R. Carter Ballantyne. Pennsylvania R. R. Co.	Passenger transportation	170.51 25.00
0.1	The Pullman Co.	do	5,00
Nov. 7	Jas. Halley et al	Salaries	256, 00 49, 00
10	James Wilson	Wood Traveling expenses	98.85
13	R. P. Andrews & Co. (Incorporated)	Clips Coal Bar	15.98
	Wm. J. Zeh	Coal	557. 94 4. 76
	Giddings & Steele.	Rugs	74.40
19	F. L. Evans	Traveling expenses	62, 15
20	New York Cycle Co	Washing towels	35, 17 66, 50
20	Old Dominion Paper Co.	Memoranda books	10.32
	J. H. Brigham	Traveling expenses	5.05
21	The Grove Lime and Coal Co	Renairing carriage	3.05 59.25
21	Pennsylvania R. Ř. Co. The Pullman Co. Jas. Halley et al. Robt. Murphy James Wilson R. P. Andrews & Co. (Incorporated) Wm. J. Zeh. Forsberg & Murray. Giddings & Steele. F. L. Evans. Harvard Laundry Co. New York Cycle Co. Old Dominion Paper Co. J. H. Brigham. The Grove Lime and Coal Co. Thos. E. Trazzare W. H. Rupp Co.	Rugs Traveling expenses Washing towels Bicycle Memoranda books Traveling expenses Fire clay Repairing carriage Ink, etc Camphor Clips, etc Envelones	44.04
	Mackall Bros. R. P. Andrews & Co. (Incorporated)	Camphor	7, 50 12, 29
	R. P. Andrews & Co. (Incorporated)do	Envelopes	168. 96
	Potomac Electric Power Co	Envelopes Electric lightdo	7.75
	do.  Potomac Electric Power Co.  do.  Washington Gas Light Co.  Yawman & Erbe Manufacturing Co.	Gas	99. 67 20. 20
23	Yawman & Erbe Manufacturing Co	Cards	1.75
			20, 50
	Eberhard Faber	Erasers, etc	48. 16 234. 72
	American Press Clipping Bureau	Clippings.	11. 53
	Library	Clippings Cards, etc	21, 75
	Eberhard Faberdo. do. American Press Clipping Bureau. Library. The Okonite Co. (Limited). The Hoggson & Pettie Manufacturing Co. Leidy S. Depuedo. D. Frank Parker Jas. Halley et al. Lamb & Tilden Geo. F. Muth & Co. Remington Typewriter Co. E. S. Newmando. The A. J. Joyce Carriage Co. E. G. Schafer & Co.	Conving sheets, etc	10. 50 13. 12
24	Leidy S. Depue	Copying sheets, etc. Feeddo	101.00 87.50
	D. Frank Barker	Carbon paper, etc.	87.50 59.50
30	Jas. Hallev et al	Salaries	155.00
Dec. 1	Lamb & Tilden	Ink	13, 50
	Geo. F. Muth & Co	Lead, etc	94.06 .50
	E. S. Newman.	Repairs. Iron tables Ribbon.	10.00
	do	Ribbon	1.50
	E. G. Schafer & Co	Repairs Fittings	8, 75 15, 33
	do	Fittingsdo	34, 04
	The Smith-Premier Typewriter Co	Brushes	6. 70 34. 56
	Thos. Somerville & Sons	Trap, etc.	4.87
	The Smith-Premier Typewriter Co	Trap, etc. Paper weights.	7.00
	do	Raper Weights Bristol board Repairs Brooms, etc. Repairsdodododo.	2. 50 2. 25 36. 69
	National Electrical Supply Co. James B. Lambie Co. Densmore Typewriter Co.	Brooms, etc	36.69
	Densmore Typewriter Co	Repairs	. 70 5. 05
	do	Coal	31, 25
	do	do	31. 25 554. 98
0	Wm. J. ZehdodoCapital Traction Co	Wine	10.00
2	Keinogg Switchboard and Supply Co. C. Schneider's Sons K. Kneesi Sons W. T. Galliher & Bro E. B. Adams Co. American Press Clipping Bureau C. Becker	Wire. Lock	. 70 8. 00
	K. Kneesi Sons		3,00
	W. T. Galliher & Bro	Case Hickory Iron tub. Clippings Supplies for carriage house. Section Ice Stamps Stamping stationery Electrical supplies Typewriting paper Traveling expenses	1. 62 1. 60
	American Press Clipping Bureau	Clippings	2.07
	C. Becker	Supplies for carriage house	21.65
	C. C. Williams. American Ice Co Washington city post-office. J. T. Thomson. M. Du Perow. D. Frank Parker	Section.	9. 00 123. 79
	Washington city post-office	Stamps	500, 00
10	J. T. Thomson.	Stamping stationery	30. 00 15. 00
11	M. Du Perow	Typewriting paper	207. 15
12	James Wilson National Electrical Supply Co Leidy S. Depue.	Traveling expenses Sockets, etc Feed	23.90
14	37 11 373 1 1 3 3 6	Cookets etc	9.00

## $Expenditures\ of\ the\ Department\ of\ Agriculture\ for\ fiscal\ year\ ending\ June\ 30,\ 1904--Cont'd.$

CONTINGENT EXPENSES—Continued.			
Date.	Name.	Nature of payment.	Total.
1903.		TT	660 70
Dec. 14	Lutz & Co. Wm. Seely Hutchinson P. H. Heiskell, jr., & Co.	Harness Tiling	\$62, 50 59, 50
	P H Hoiskell ir & Co	Canvas	12.00
	J. B. Kendall	Currie pads.	10.60
	J. B. Kendall. J. Baumgarten & Sons. Wm. J. Zeh.	Canvas Currie pads Daters	21.60
	Wm. J. Zeh	Coal	276.50
	Wm. J. Zehdo  The Okonite Co. (Limited) Burrelles Press Clipping Bureau. Harvard Laundry Co. American Ice Co. R. Carter Ballantyne. W. H. Rupp Co. Geo. F. Muth & Co. E. G. Schafer & Co. Rudolph, West & Co. Pennsylvania R. R. Codo dodo	do	553. 49 10. 00
	Purrelles Press Clipping Purrell	Clippings	17. 50
16	Harvard Laundry Co	Washing towels	32.74
17	American Ice Co.	Ice	88, 25
	R. Carter Ballantyne	Pens, etc	46.60
	W. H. Rupp Co.	Pen racks	11. 10
	F. C. Schofor & Co.	Plumbor's supplies	3. 88 4. 69
	Rudolph West & Co	Raskets etc	49. 95
18	Pennsylvania R. R. Co	Passenger transportation	111.50
	do	do	18.00
	do	do	18,00
	do	do	19. 25 19. 50
	Pennsylvania Co	do	19, 50 59, 00
	Chicago and North-Western Rwy, Co	do.	25.00
19	dodododoPennsylvania CoChicago and North-Western Rwy. CoRobt. Murphy. John C. Parker.Ernest Betz.	do Wood Stationery supplies Repairs Cards Repairs Repairs	122.50
21	John C. Parker	Stationery supplies	850.09
	Ernest Betz. J. T. Thomson.	Repairs	60.62
	Edward Hurdle	Rengire	3.73 9.60
23	Albert Kahlert & Co.	Repairing rugs, etc.	97, 90
	Fred. B. Miller & Bro	Steel bearings	23.00
26	Edward Hurdle Albert Kahlert & Co Fred. B. Miller & Bro Theo. Schondan & Co	Repairing rugs, etc. Steel bearings Horseshoes	14.50
28	Union Posific P. P. Co	Passenger transportation	14. 25
28	M Du Parow	Electrical supplies.	50, 60 15, 10
20	E. G. Schafer & Co	Plumbers	25, 45
	Thos. Somerville & Sons	do	21.99
	do	Plumbers do	19.14
31	Union Pacific R. R. Co. M. Du Perow. E. G. Schafer & Co. Thos. Somerville & Sons. do. Wm. J. Zeh Jas. Halley et al.	Coal	31.76
51	Jas. maney et al	Salaries	160.00
	Total second quarter		10, 388, 65
4004	7.		
1904.	Clark & Dames and	0	07.00
Jan. 4	Clark & Davenport	Carpet, etc	65, 80 174, 58
5	do J. H. Brigham I. P. Roosa	do Traveling expenses Services	5, 65
	I. P. Roosa.	Services.	100.00
7			4.00
	James B. Lambie Co	Hardware Iron, etc.	26, 73
	Woodward & Lothron	Table ate	6.50 24.21
	W. B. Moses & Sons	Furniture, etc	414. 48
	E. G. Schafer & Co	Valves, etc.	12.39
	Remington Typewriter Co	Adjusting typewriter	12.39 15.70
	Washington Gas Light Co	Gas	- 29, 90
	W. B. Moses & Sons	Table, etc Furniture, etc Valves, etc Adjusting typewriter Gas Electric current Rug, etc Whin	107.00 62.15
8	P. H. Heiskell, jr., & Co.	Whip	100
	do	Pails Arnica	2.00 2.60
	Z. D. Gilman	Arnica	2.60
	W. B. Moses & Sons	Tables, etc. Towels, etc. Combs and soap	88, 95
	Mackell Blos	Combs and soon	164.38 42.00
	Wm. H. Lacv.	Plastering	26, 48
	J. E. Hurley	Strap	1. 25 36. 20
	Church & Stephenson	Lumber.	36, 20
12	M Du Perow	Tickets	20.00
12	Thos. R. Rilev	Combs and soap Plastering Strap Lumber Tickets Electrical supplies Lumberdo	45. 97 1. 73
	do	do	1.16
	Wm. H. Dyer	Door	3.00
	Geo. W. Millar & Co.	Manila paper Black jacks Wire Tire, etc	250.00
	John C. Ren	Black Jacks	3.00
	Pope Manufacturing Co	Tire etc	1.61
	Lamb & Tilden	Daters.	4. 25 7. 00
	Wm. J. Zeh	Coal	31, 76
	do	do do	553.00
14	Eberhard Faber	Rulers etc	31. 25 121, 81
11	James B. Lambie Codo. do. do. do. woodward & Lothrop W. B. Moses & Sons E. G. Schafer & Co Remington Typewriter Co Washington Gas Light Co. Potomae Electric Power Co. W. B. Moses & Sons P. H. Heiskell, Jr., & Co do. Z. D. Gilman W. B. Moses & Sons Woodward & Lothrop Mackall Bios Wm. H. Lacy J. E. Hurley Church & Stephenson Capital Traction Co. M. Du Perow Thos. R. Rileydo. Wm. H. Dyer Geo. W. Millar & Co. D. N. Walford John C. Rau Pope Manufacturing Co Lamb & Tilden Wm. J. Zehdo. Bberhard Faber.	inuicis, etc	121, 81

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

### CONTINGENT EXPENSES—Continued.

Date.	Name.	Nautre of payment.	Total.
1904.			
an. 16	I. P. Roosa	Expenses	\$86.2
18	American Ice Co	Ice	74.5
	Johnson Brothers	Wood	16.4
	Johnson Brothers. Instantaneous Fire Alarm Co. Wm. J. Zeh	Boxes	16.4 10.0
	Wm. J. Zeh	Coal	19. 8 397. 8
	[do	do	397. 8
	do	do	47.4
	Manhattan Electrical Supply Co	Insulators	1.5
	Burrelles Press Clipping Bureau	Clippings	17. 5
	J. H. Bunnell & Co.	Batteries Heater, etc.	5. 0 8. 7 17. 3
	American Electric Heater Co	Heater, etc	8. 7
	Woll Bros.	Heater, etc. Envelopes. Mantles, etc. Washing towels. Traveling expenses. Passenger transportation. do. do.	17.6
20	Harvard Laundry Co	Washing towels	4.8
20	T H Pricham	Traveling expenses	13. 2
25	Michigan Control P. P. Co	Passancar transportation	16. 2
20	Union Posifia D. D. Co	do	17.0
	New York Central and Hudson River R R Co	do	10.4
	Panneylyania R R Co	do	10.4
	Mineralized Rubber Co	Hose.	4 6
	The Okonite Co. (Limited)	Wire	12.5
26	John C. Parker	Stationery supplies	4.6 12.5 177.2
_0	do	Knives	1.7
	New Fork Central and ridge in the K. R. Co. Pennsylvania R. R. Co. Mineralized Rubber Co. The Okonite Co. (Limited) John C. Parker do. Louis Hartig do.	Wire Stationery supplies Knives Horseshoes and nails do	28.6
	do	do	28.6 26.9
	do	do Horseshoes, etc Tar Horseshoes, etc Lumber Transportation Feed Index Repairs to carriage Sewing carpets Coal Typewriter paper, etc. Repairs	15. 5
	J. T. Walker Sons Theo. Schondau Church & Stephenson Adams Express Co.	Tar	16. 2
	Theo. Schondau	Horseshoes, etc	16.2
	Church & Stephenson	Lumber	26.8
	Adams Express Co	Transportation	14.1
	Leidy S. Depue Yawman & Erbe Manufacturing Co.	Feed	150.9
	Yawman & Erbe Manufacturing Co	Index	.2.0
	The Andrew J. Joyce Car Co	Repairs to carriage	8.
	Albert Kahlert & Co	Sewing carpets	11.0
	W.M. J. Zen	Coal	553.1 116.7
	D. Frank Parker	Panaira	25.0
	do	Repairs	25.0
	Ciddings & Stools	do Rugs Cuspidors, etc Envelopes Stamp handles Sponge	42.5 9.0
	Chas R Edmonston	Cuspidors etc	18.2
27	U.S. Envelope Co.	Envelopes	16.9
	The R. H. Smith Manufacturing Co	Stamp handles	6.7
	J. P. Nawrath	Sponge	\6.7 14.7
	Thos. Somerville & Sons	Packing Dating stamp. Electric supplies	19.0
	Lamb & Tilden	Dating stamp	6.0
	M. Du Perow	Electric supplies	6.
	Rudolph, West & Co	Hardware Packing, etc Clock Pearline	16.
	James B. Lambie Co	Packing, etc.	9.
	Harris & Shafer Co	Clock	8.4
	The J. C. Ergood Co.	Pearline	36.0
	W.M. J. Zeh	Coal Coal Oil, etc Repairs to typewriter Fitches, etc	33. 7. 10.
	C. Becker	O11, etc.	10.
	Coo F Muth & Co	Fitches etc	10.
	Potomaa Floatria Pover Co	Lamps	3.
	Leidy S. Depue. Yawman & Erbe Manufacturing Co. The Andrew J. Joyce Car Co. Albert Kahlert & Co. Wm. J. Zeh. D. Frank Parker. Ernest Betzdo. Giddings & Steele. Chas. R. Edmonston. U. S. Envelope Co. The R. H. Smith Manufacturing Co. J. P. Nawrath. Thos. Somerville & Sons. Lamb & Tilden. M. Du Perow. Rudolph, West & Co. James B. Lambie Co. Harris & Shafer Co. The J. C. Ergood Co. Wm. J. Zeh. C. Becker. Densmore Typewriter Co. Geo. F. Muth & Co. Potomae Electric Power Codo. Geo. F. Muth & Co. Geo. F. Muth & Co. Geo. F. Muth & Co.	Fitches, etc. Lamps. Electric current. Paints, oils, etc. Plastering Radiators. Salaries Traveling expenses. Stamps.	103.
29	do Geo. F. Muth & Co. Wm. H. Lacy C. A. Muddiman & Co. Jas. Halley et al. Geo. P. McCabe Washington City post-office. Washington Gas Light Co. Barber & Ross Leidy S. Depue. The Chesapeake and Potomac Telephone Co.	Paints oils etc	104.
29	Wm H Lacy	Plastering	104.
	C. A. Muddiman & Co	Radiators	3
31	Jas. Halley et al.	Salaries	10. 3. 161.
eb. 2	Geo P McCabe	Traveling expenses	6.
	Washington City post-office	Stamps	500. 36.
	Washington Gas Light Co	Gas	36.
	Barber & Ross	Kev blanks	
8	Leidy S. Depue	Feed	191.0
		Telephone service	78. 6.
	do	Traveling expenses Stamps. Gas. Key blanks. Feed. Telephone service. do	6.
9	W. B. Moses & Sons Geo. F. Muth & Co National Electrical Supply Co	Mats	9.9
	Geo. F. Muth & Co.	Ink, etc. Electrical supplies.	13.
	National Electrical Supply Co	Electrical supplies.	42.
	do	Sockets, etc.  Disinfectors Sealing wax	12.0
	Rex Sanitary Appliance Co	Disinfectors	15.
	Fred, A. Schmidt	Sealing wax	12.
	Mackall Bros	Soap	12.
	Lamp & Tilden	Band daters	12.0
	Theo. Schondau	Soap Band daters Horseshoes Towels, etc	30. 3 224.
	do Rex Sanitary Appliance Co. Fred. A. Schmidt Mackall Bros Lamb & Tilden Theo. Schondau Woodward & Lothrop. James B. Lambie Co. (Incorporated) M. Du Perow	Hordwore	224.
	M. Du Perow.	Hardware Electrical supplies Blotting paper	5. 17. 0.4

## Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

#### CONTINGENT EXPENSES-Continued.

Da	te.	Name	Nature of payment.	Total.
190	14		·	
Feb.	9	J. Baumgarten & Sons	Daters	\$21.60
			Daters	3.50 10.74
		Ernest Betz.  Barber & Ross.  Potomac Electric Power Co.  Washington Gas Light Co.  Smithsonian Institution.  The Geo. W. Knox Express Co.  U. S. Envelope Co.  Yawman & Erbe Manufacturing Co.  The American Nava Co.	Buckets	125.96
		Washington Gas Light Co	Gas	37.10
		Smithsonian Institution	Transportation exchanges	275.60
	12	The Geo. W. Knox Express Co	Transportation	$\frac{3.45}{42.30}$
	12	Smithsonian Institution. The Geo. W. Knox Express Co. U. S. Envelope Co. Yawman & Erbe Manufacturing Co. The American News Co. J. P. Nawrath. The Okonite Co. (Limited). do. The Chicago, Burlington and Quincy Rwy. Co. The Pullman Co. do. The Pennsylvania R. R. Co.	Cards.	9.00
		The American News Co	Paper folders	7.75 15.20
		J. P. Nawrath	Tape	15. 20 10. 50
		do.	do	13.75
	17	The Chicago, Burlington and Quincy Rwy. Co	Passenger transportation	20.00
	18	The Pullman Co	do	8.00 26.50
		The Pennsylvania R. R. Co.	do	7.25
	23	The Pennsylvania R. R. Co The Carter-Crume Co. (Limited) Whitall, Tatum Co.	Coal tickets	7.25 5.00
				2.50
		Burrelles Press Clipping Bureau	Cards	8, 75 17, 50
	24	National Electric Supply Co	Clipping Wire	14.50
		Mineralized Rubber Co	Hose	9.25
		Sawman & Free Manufacturing Co. Burrelles Press Clipping Bureau National Electric Supply Co. Mineralized Rubber Co. Francis Miller Lamb & Tilden. Wm. J. Zeh.	Glass. Daters, etc. Coal.	94.20
		Wm. J. Zeh.	Coal	11.56 553.00
			do	555.25
		American Ice Co Barber & Ross	Ice.	67. 28 9. 90
		C. Becker	Blankets, etc.	34.60
		Church & Stephenson	Lumber	01.45
		Harvard Laundry Co	Washing towels	33.95
		Church & Stephenson Harvard Laundry Co Johnson Brothers E. G. Schafer & Co	Washing towels Wood Packing and glasses	2.75 3.50
		Hugh Reilly Rudolph, West & Co. Thos. Somerville & Sons.	Shellac	0.00
		Rudolph, West & Co.	Hardware	5.76
		do	Pine rosette plates	2.35 1.00
	27	Western Union Telegraph Co Postal Telegraph Cable Co	Shellac Hardware Stop box, etc Pipe rosette plates Telegraph service do Salaries Hauling borse	15.99
	20	Postal Telegraph Cable Co	do	2.47
Mar.	29	James Halley et al.  Merchants' Transfer and Storage Co.  Pope Manufacturing Co. (Washington	Hauling horse	151.40 10.00
		Pope Manufacturing Co. (Washington	Hauling horse	5.00
		Diancii).	0.17	* 00
		J. T. Walker Sons	Electrical supplies	5.00 41.48
		M. Du Perow James B. Lambie Co. (Incorporated)		2.25
		Robert Murphy The American News Co.	Wood	122.50
	5	Wolf Bros	Scrapbooks	13.92 21.75
	11	The American News Co Wolf Bros. The E. F. Brooks Co. Rex Sanitary Appliance Co. Washington Gas Light Co. Potomac Electric Fower Co.	Bracket.	3.50
		Rex Sanitary Appliance Co.	Disinfectors	3. 50 15. 20 37. 30
		Potomac Floetric Power Co	Cias	37.30 126.53
		American Ice Co.	Ice.	66.07
	14	American Ice Co. Potomac Electric Power Co.	Gas. Electric current Ice. Lamps.	8.32
	14 16	Wm. J. Zeh. Leidy S. Depue. Missouri, Kansas and Texas Rwy. Co. of	C0a1	559.22 101.00
	18	Missouri, Kansas and Texas Rwy. Co. of	Feed. Passenger transportation	19.15
		Texas.		
		Pennsylvania R. R. Co	do	19.95 36.00
		Capital Traction Co.	do Tickets Linoleum, etc	20.00
		Clark & Davenport	Linoleum, etc	74.59
		Wm H Dver	Hair brushes	12.74
		Pennsylvania Co. Pennsylvania R. R. Co. Capital Traction Co. Clark & Davenport. Blum Bros. Wm. H. Dyer. Chas. R. Edmonston James B. Lambie Co. (Incorporated). National Electrical Supply Co. E. S. Newman.	Hair brushes. Wire molding Glasses	7. 50 8. 80
		James B. Lambie Co. (Incorporated)	Glue, etc.	8.55
		E S Newman	Silk cord, etc. Ribbon and paper for adding ma-	6.21 8.50
			chine.	8. 90
		E. G. Schafer & Co		34.67
		Theo. Schondau Woodward & Lothron	Horseshoes	23.00
		R. Carter Ballantyne	Dusters	94.44 376.34
	21	Chadwick Copying Book Co.	Letter books.	22.08
		Emry Davis.	Inkstands.	14.04
	24	Underwood Typewriter Co.	Repairs	1.60 6.00
	25	E. G. Schafer & Co. Theo. Schondau. Woodward & Lothrop R. Carter Ballantyne. Chadwick Copying Book Co. Emry Davis. The Carter-Crume Co. (Limited). Underwood Typewriter Co. The Chesapeake and Potomac Telephone Co.	Dusters Stationery supplies Letter books Inkstands Carbon paper Repairs Telephone service	.15

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. CONTINGENT EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.	•		
1301. 1ar. 28	Ernest Betz	Grates	\$2.78
	Ernest Betz. Burrelles' Press Clipping Bureau. The Hoggson & Pettis Manufacturing Co. Mackall Bros. R. McReynolds' Sons. Wm. J. Zeh R. P. Andrews & Co. (Incorporated). The Grove Lime and Coal Co. Kellogg Switchboard and Supply Co. Lamb & Tilden. Estate of John C. Parker. Thos. Somerville & Sons. E. G. Schafer & Co.	Clippings Copying pads.	17.50
	Mackall Bros	Soan	3.35 28.50
	R. McReynolds' Sons	Soap. Wrench, etc.	6.4
00	Wm. J. Zeh	Coal	31.2
29	R. P. Andrews & Co. (Incorporated)	Paste. Cement Telephone supplies.	49.00
	Kellogg Switchboard and Supply Co.	Telephone supplies.	6.6
	Lamb & Tilden	Stamp ink	1.50
	Estate of John C. Parker	Stamp ink Stationery supplies Plumbers supplies Steam fitting	253.3.3 $38.7$
	E. G. Schafer & Co.	Steam fitting.	2.9
	The Chicago, Burlington and Quincy Rwy. Co The Lake Shore and Michigan Southern Rwy.	Passenger transportation	11.5
	The Lake Shore and Michigan Southern Rwy.		6.5
31	Co. Rudolph, West & Co	Hardware	46.0
01	E. G. Schafer & Co Jas. Halley et al	Pipe, etc	9.1
	Jas. Halley et al	Salaries	161.8
	Total third quarter		11,378.5
pr. 4	James Wilson I. P. Roosa	Traveling expenses	81.1
	I. P. Roosa	Services	. 100.0
7	Harvard Laundry Co. Wm. J. Zeh	Coal.	38.1 556.1
9	Hugh Reilly	Coal Shellac Silk cord	1.8
	Hugh Reilly National Electrical Supply Co. Remington Typewriter Co. Rex Sanitary Appliance Co. W. B. Moses & Sons The M. Lindsay Rubber Co. Barber & Ross. The E. F. Brooks Co. Giddings & Steele. Wm. H. Dver The Geo. W. Knox Express Co. Washington Gas Light Co. Washington City post-office. Wm. J. Zeh. J. H. Bunnell & Co. Yawman & Erbe Manufacturing Co.	Silk cord	5.6
	Remington Typewriter Co	Repairs	15.9
	W. B. Moses & Sons	Disinfector Furniture, etc Bicycle cape. Shears, scissors, etc.	15. 2 28. 6
	The M. Lindsay Rubber Co	Bicycle cape	3.0
	Barber & Ross	Shears, seissors, etc	62.1
	Giddings & Steele	Brass casing	$\frac{1.2}{37.2}$
	Wm. H. Dyer	Wire mold	11.2
	The Geo. W. Knox Express Co	Passenger transportation	. 7 31, 4
	Washington City post-office	Gas. Stamps.	500.0
11	Wm. J. Zeh	Coal Electrical supplies Cards Envelopes	553.0
10	J. H. Bunnell & Co.	Electrical supplies	, 17.0 22.5
12	Yawman & Erbe Manufacturing Co. Wolf Bros. John Underwood & Co. E. L. Sibley		6.9
	John Underwood & Co	Ink	4.5
	E. L. Sibley	Ink. Hanger Trays Cards, etc.	6.0 4.0
	Library Bureau Library Bureau	Cards, etc	33.9
	New York Cycle Co. Harvard Laundry Co. American Ice Co. Theo. Schondan.	Repairs. Washing towels Ice Horseshoes	6. 8
13	Harvard Laundry Co	Washing towels	39.8 81.7
	American Ice Co	Horseshoes	6.7
14			6. 7 15. 5
	Church & Stephenson  Densmore Typewriter Co.  Francis Miller	Lumber Repairs	11. 7 . 6
	Densmore Typewriter Co		11.8
	Francis Miller Lamb & Tilden Harris & Shafer J. T. Thomson Woodward & Lothrop W. B. Moses & Sons Leidy S. Depue U. S. Express Co. Potomac Electric Power Co. Clark & Dayenport	Rack Clock Embossing	2 9
	Harris & Shafer	Clock	8.4
	J. T. Thomson	Embossing. Screen, etc.	13. 8 28. 2
	W OOGWARD & LOURTOP	Furniture and repairs	58 (
	Leidy S. Depue	Feed. Transportation	159.0
	U. S. Express Co.	Transportation	5. 122. 1
18	Clark & Dayannort	Electric current Linoleum Lavatory, etc	26. 8
10	The C. J. McCubbin Co.	Lavatory, etc	9.4
	Potomac Electric Power Co. Clark & Davenport. The C. J. McCubbin Co. Mutual District Messenger Co. E. S. Newman. Rudolph, West & Co. Thos. Somerville & Sonsdo. C. Becker.	Rent boxes	10.0
	E. S. Newman	Ribbon, etc. Horse clippers, etc. Plumbing supplies.	7. 8 8
	Thos. Somerville & Sons.	Plumbing supplies	29.
	do	do Carriage supplies Telegraph service do Coal Wire Clippings	4.5
	do C. Becker Western Union Telegraph Co. Postal Telegraph-Cable Co. Wm. J. Zeh The Okonite Co. (Limbted)	Telegraph service	20.
	Postal Telegraph-Cable Co	do	4.0
	Wm. J. Zeh	Coal	62. 4 12.
19	The Okonite Co. (Limited)	Wire	12. i 17. i
20	Will J. Zeu The Okonite Co. (Limited) Burrelles Press Clipping Bureau Blue Line Transfer Co. The E. F. Brooks Co. Francis Miller	Transportation	
20 25	The E. F. Brooks Co.	Transportation Bracket Glass	3.
20	Francis Miller.	Class	1.

## Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont d.

### CONTINGENT EXPENSES—Continued.

Da	te.	Name.	Nature of payment.	Total.
190				
Apr.		D. Frank Parker Remington Typewriter Co.	Ribbons. etc	\$202.50
		Remington Typewriter Co	Repairs Stationery supplies	2. 10
		Wm. H. Rupp Co	Stationery supplies	31.60 10.50
		Art Metal Construction Co	Embossing Metal cabinet	305,00
		J. T. Thomson Art Metal Construction Co. Kellogg Switchboard and Supply Co.	Stand	8.75
		J. P. Nawrath	Twine Transportation Harness	85.15
	27	J. P. Nawrath. The Geo. W. Knox Express Co.	Transportation	16.41
	28	C. Becker. R. P. Andrews & Co. (Incorporated). The Chesapeake and Potomac Telephone Co.	Harness	50.00 49.00
		The Chase peaks and Potomes Telephone Co	PasteTelephone service	6.25
		do	do	78. 25
	30	do. Jas. Halley et al.	do. Salaries	156.60
May	3	Arthur Given U. S. Envelope Co. Eberhard Faber. Chadwick Copying Book Co.	Expenses	1.30
	4	U. S. Envelope Co.	Envelopes Pencils and erasers Copying books	4, 40 15, 93
		Chadwick Copying Rook Co	Copying books	11.04
		Roht, Murnhy	Wood.	147.00
	12	Giddings & Steele	Desk rugs	18.60
		Wm. J. Zeh	Coal. Horseshoes.	39.70
		Robt. Murphy. Giddings & Steele. Wm. J. Zeh. Theo. Schondan. Charles C. Pulton & Co. J. I. Holcomb Manufacturing Co.	Horseshoes.	16.50
	10	Charles C. Fulton & Co.	Advertising	15.00
	13	Poerro F Crowl Co	Brushes, etc. Moulding compound, etc.	24.50
		Traine E. Ciowi Co.	Telegraph service	8. 25 23. 75
		Western Umon Telegraph Co. Washington Gas Light Co. Adams Express Co. U. S. Express Co. Z. D. Gilman. Rex Sanitary Appliance Co. Woodward & Lothrop. Potomac & Electric Power Co.	Gas. Transportationdo. Syringe	26, 90
		Adams Express Co	Transportation	6.16
		U. S. Express Co.	do	11.15
		Z. D. Gilman	Syringe	. 75
		Rex Sanitary Appliance Co	Disinfectors	15, 20
		Potomac & Floatric Power Co	Disinfectors Desk and soap Electric current	46. 50
	1	do		17. 34 151, 71
		Densmore Typewriter Co	Repairs Hardware Wall brushes	7.50
		Rudolph, West & Co	Hardware	12. 45
		Hugh Reilly	Wall brushes	6.00
		Leidy S. Depue	Feed.	123.06
	16	do. Densmore Typewriter Co. Rudolph, West & Co. Hugh Reilly Leidy S. Depue W. B. Moses & Sons John C. Rau	Desk, etc. Electric supplies Clamps Electric supplies	46.39 1.84
	10	John C. Rau. W. O. Gottwals.	Clamps	13.00
		M. Du Perow	Electric supplies	1.96
		M. Du Perow Standard Oil Co. (Baltimore branch)	Oil. Plugs, etc. Advertising Coal.	7.20
		Kellogg Switchboard and Supply Co	Plugs, etc.	3. 10
	18	The Tribune Association. Wm. J. Zeh	Advertising	34.00 198.50
	10	do	do	415.49
		Chicago, Milwaukee and St. Paul Rwy, Co.	Passenger transportation	13.50
	19	Wm. H. Lacy	Plastering	40.38
		do. Chicago, Milwaukee and St. Paul Rwy. Co Wm. H. Lacydo.	do	17.88
	24	D. Frank Parker Swayze, Bailey & Co Fred. A. Schmidt	Ribbons, etc. Staples, etc.	144.60
		Swayze, Balley & Co	Staples, etc	22.00 2.25
		C. Recker	Renairs to harness etc	13. 10
		Mary E. Parker, executrix	Stationery supplies	590.18
		J. P. Nawrath.	Cotton	15.73
		C. Becker Mary E. Parker, executrix J. P. Nawrath. B. McReynolds	Cotton Repairs to harness	15. 73 15. 00
			Repairs on roof, etc	277.05
		James B. Lambie Co. (Incorporated)	Screws, etc. Moving telephone	11.95 .67
		American Ice Co	Tee	85, 95
	31	James Wilson	Traveling expenses	63.60
_		James Wilson James Hallev et al.	Salaries	161, 80
June	3	Adams Exoress Co. R. Carter Ballantyne	Traveling expenses Salaries Transportation Envelopes, etc.	12.50 50.30
		R. Carter Ballantyne	Envelopes, etc	
		Church & Stephenson Chesapeake and Potomac Telephone Co		75. 30
		The Maurice Joyce Engraving Co	Rubber stamps.	2.80 2.00
		Harvard Laundry Co.	Changing telephone Rubber stamps Washing towels	45. 51
		The Maurice Joyce Engraving Co.  Harvard Laundry Co.  The Philadelphia Item.		27, 50
		Tribune Co. (Chicago)	do	28.50
		Tribune Co. (Chicago) Woodward & Lothrop. Thos. Somerville & Sons.	AdvertisingdoSoap, etc Wiping cloth, etc	13.44
		Fred A Schmidt		3, 76 . 90
	4	Leidy S. Depue		150, 50
	11	Eberhard Faber	Feed Pands	100, 62
	20	Rudolph, West & Co	Wire, etc. Dry batteries	10.10
		Fred. A. Schmidt. Leidy S. Depue. Eberhard Faber. Rudolph, West & Co. J. H. Bunnell & Co. Burrelles Press Clipping Bureau. C. Becker.	Dry batteries	5.00
		Burrelles Press Clipping Bureau	Clipping Collar, etc.	35.00
				12.35

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. CONTINGENT EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
une 20	Mackall Bros. Geo. F. Muth & Co. M. Du Perow Chas. R. Edmonston. American Ice Co. R. C. M. Burton & Son. Potomae Electric Power Co. Capital Traction Co. W. H. Lacy James B. Lambie Co. (Incorporated) S. Keighley Metal Ceiling Co. Washington Gas Light Co. Woodward & Lothrop Thos. Somerville & Sons The C. J. McCubbin Co. Francis Millar E. G. Schafer & Co.	Camphor. Lead, etc. Tubing, etc. Hampers, etc Ice. Taking down awnings.	\$8.
, 4.1.0	Geo. F. Muth & Co	Lead, etc.	24.
	M. Du Perow	Tubing, etc	24. 38.
	Chas. R. Edmonston	Hampers, etc	21.
	American Ice Co	1ce	116.
	R. C. M. Burton & Son.	Electric current	167. 124.
	Capital Traction Co	Tielzete	20.
remain.	W. H. Lacv	Tickets Repairs on buildings Hardware Ceilings	23.
,	James B. Lambie Co. (Incorporated)	Hardware	2.
	S. Keighley Metal Ceiling Co	Ceilings	2. 197.
	Washington Gas Light Co	Gas. Chairs, etc. Washer, etc.	19,
	Woodward & Lothrop	Chairs, etc.	91.
	Thos. Somerville & Sons	Washer, etc	1.
	The C. J. McCubbin Co	do	3.
	F C Schofor & Co	Paint	3,
	Rev Sanitary Appliance Co	Pipe Disinfectors	2.
	Remington Typewriter Co	Repairs to typewriter	15. 14.
	Theo, Schondan	Horseshoes	12.
25	James Wilson	Traveling expenses	43
	Washington Post Co	Horseshoes Traveling expenses Advertising	43 17
29	Washington Times Co	do	18
	Western Union Telegraph Co	Telegraph service Stenographer books, etc.	7.
0.0	Wm. H. Rupp Co.	Stenographer books, etc	62
30	Francis Millar E. G. Schafer & Co. Rex Sanitary Appliance Co. Remington Typewriter Co. Theo. Schondan James Wilson Washington Post Co. Washington Times Co. Western Union Telegraph Co. Jas. Halley et al.	Salaries	156
	Total fourth quarter		8,652.
1903.	Supplemental.		
ıly 14	I. P. Roosa. Harvard Laundry Co.	Services	100.
	Harvard Laundry Co	Laundering towels	45.
10	Theo. Schondan American Ice Co	Horseshoes	9. 168.
18	Ernest Betz	Ice Repairs and labor	18.
	Church & Stephenson	Lumber	29.
	Ernest Betz Church & Stephenson Harvard Laundry Co. W. B. Moses & Sons Robt. Murphy. Potomac Electric Power Co. Washington Gas Light Co. Burrelles Press Clipping Bureau Journal Newspaper Co. Yawman & Erbe Manufacturing Co. Library Bureau G. E. Stechert. The Chesapeake and Potomac Telephone Co. The Evening Star Louis Hartig.	Washing towels Repairs, etc Wood Electric current	54
	W. B. Moses & Sons	Repairs, etc.	54. 10.
	Robt. Murphy	Wood	122.
	Potomac Electric Power Co	Electric current	153
	Washington Gas Light Co	Gas. Clippings Advertising.	18. 17. 15.
19	Burrelles Press Clipping Bureau	Clippings	17.
	Journal Newspaper Co	Advertising	15.
	Library Purson	Stand Subscriptions Call	7. 5.
	G F Stochert	Subscriptions	9.
20	The Chesaneake and Potomac Telephone Co	Call	J.
20	The Evening Star	Advertisement	13
	Louis Hartig	Horseshoes	10.
	Albert Kahlert & Co	Cleaning carpets	100.
	Washington Post Co	Copies of paper	7.
	Lamb & Tilden	Daters	7.
	Mutual District Messenger Co	Rent	10.
	The Evening Star. Louis Hartig. Albert Kahlert & Co. Washington Post Co. Lamb & Tilden. Mutual District Messenger Co. Maekall Bros. R. McReynolds Sons New York Cycle Co. Jno. F. Sturgeon. Jos. Strasburger. Rudolph, West & Co. Rex Sanitary Appliance Co. J. T. Thomson. R. C. M. Burton & Son. The Chesapeake and Potomac Telephone Co. do. Maekall Bros.	Call Advertisement Horseshoes Cleaning carpets Copies of paper Daters Rent Vaseline Repairs to curtain Tires Moulding, etc Paste Bolts, etc Disinfector	
	New York Cycle Co	Tires	6.
	Ino F Sturgeon	Moulding, etc	4.
	Jos. Strasburger	Paste	72.
	Rudolph, West & Co.	Bolts, etc.	8.
	Rex Sanitary Appliance Co	Disinfector	15.
	J. T. Thomson	Stamping paper	15.
ug. 3	R. C. M. Burton & Son.	Awnings	9.
	The Chesapeake and Potomac Telephone Co.	Telephone service	78.
	Modrall Drog	Coop	6.
	Ino C Perker	Mueilage	8. 11.
	Louis Hartio	Horseshoes	7.
16	do. Mackall Bros Jno C. Parker Louis Hartig Western Union Telegraph Co. M. G. Copeland M. Du Perow The J. C. Ergood Co Geo. F. Muth & Co. National Electric Supply Co. Wm. J. Zeh The Oc. The Oc. The Okonite Co. (Limited) Barber & Ross. The Geo. W. Knox Express Co.	Bolts, etc. Disinfector Stamping paper Awnings Telephone service do Soap Mucilage Horseshoes Telegraph service Flag Electrical supplies Pearline, etc Printers' material Electrical supplies Sponge cups, etc Fuel	1.
17	M. G. Copeland	Flag	3.
	M. Du Perow	Electrical supplies	3. 5.
	The J. C. Ergood Co	Pearline, etc	25.
	Geo. F. Muth & Co	Printers' material	7.
	National Electric Supply Co	Electrical supplies	22.
	Wm. H. Rupp Co	Sponge cups, etc	8.
10	Wm, J. Zeh.	Fuel	415.
18 27	Parker & Peas	Wire Oilers Transportation	12.

#### CONTINGENT EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Aug. 29 Sept. 20 24	Supplemental—Continued.  Geo. F. Muth & Co. Hugh Reilly. Smithsonian Institution. Thos. Somerville & Sons. do. Chas. R. Edmonston. Underwood Typewriter Co. Western Union Telegraph Co.	Transportation exchanges Repairs to valve. Repairs Pan, etc Repairs	\$16. 43 23. 25 42. 75 12.00 .80 .50 2. 98

#### RECAPITULATION.

Total first quarter	\$4, 718, 33
Total second quarter.	10, 388, 65
Total third quarter.	11, 378. 53
Total fourth quarter	8,652.07
Total supplemental	1,701.40
m + 1	00 000 00

#### AGRICULTURAL EXPERIMENT STATIONS.

Date.	Name.	Nature of payment.	Total.
1903.			
July 13	American Writing Machine Co	Paper	\$18.00
25	W. H. Evans		64.92
29	W. H. Beal		32. 53
91	H. W. Lawson	Coloring	25.00
31	A. C. True et al E. W. Allen		2,726.98 18.30
Aug. 1	M. Du Perow	Dry batteries	. 60
13	D. J. Crosby		58.00
10	A. C. True		
15	Rudolph, West & Co	Hinges	
	do.		. 9.
24	W. H. Beal.		15.1-
31	A. C. True et al	Salaries	2, 572. 50
Sept. 10	Capital Traction Co	72 tickets	3.00
16	E. V. Wilcox New York Central and Hudson River R. R. Co	Traveling expenses	56.6
19	New York Central and Hudson River R. R. Co	Passenger transportation	20. 4
	Rutland R. R. Co. New York, New Haven and Hartford R. R.	do	8. 50
	New York, New Haven and Hartford R. R.	do	3.50
	Co.	a o	0.00
21	Southern Rwy. Co. A. C. True.	Traveling avnonges	9.90 43.06
22	C. B. Smith	do	27.40
24	D. J. Crosby	do	20.00
	E. W. Allen	do	55.10
28	W. H. Beal	do	41 93
30	A. C. True et al.	Salaries	2,622.43
	Total first quarter		8, 590. 7
Oct. 3	A. C. True	Traveling expenses	26, 25
8	Peter Fireman	Translating	25.00
	John C. Parker		3.50
12	American Cycle Manufacturing Co	Pump and bell	. 9.
21	D. J. Crosby	Traveling expenses	
23	Wm. H. Rupp Co.	Labels	
20	Civic Improvement League	Photos	. 7
28	The Chesapeake and Potomac Telephone Co.	Telephone service	6. 2
	Charles L. Goodrich		
	Delano & Moore The Geo. W. Knox Express Co.	Prints, etc	4. 18
	Murray Lyceum Bureau.		1.60 19.2
31	The Chesapeake and Ohio Rwy. Co	Lantern slides	15. 00
91	Chicago and Northwestern Rwy. Co	do	10. 32
	New York Central and Hudson River R. R. Co	do	4.00
	Baltimore and Ohio R. R. Co	do	6. 50
	The Lake Shore and Michigan Southern Rwy.	do	24. 52
	Co.	0	0.
	Union Pacific R. R. Co		27.6
	Pennsylvania R. R. Co	do	10.00
	Lehigh Valley R. R. Co	do	9.33

 $Expenditures\ of\ the\ Department\ of\ Agriculture\ for\ fiscal\ year\ ending\ June\ 30,\ 1904-{\bf Cont'd}.$ 

AGRICULTURAL EXPERIMENT STATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.	Grand Rapids and Indiana Rwy. Co Central R. R. Co. of New Jersey Northern Paetia Rwy. Co. The Oregon R. R. and Navigation Co. Grand Trumk Rwy. Co. A. C. True et al. A. C. True et al. D. J. Crosby. Church & Stephenson E. W. Allen O. J. Kern Remington Typewriter Co. Yawman & Erbe Manufacturing Co. A. C. True et al. The Hammond Typewriter Co. W. B. Moses & Sons Delano & Moore Library Bureau Peter Fireman A. C. True. D. Frank Parker Rudolph, West & Co. Library Bureau Church & Stephenson David W. Brown John C. Parker		
Oct. 31	Grand Rapids and Indiana Rwy, Co	Passenger transportation	\$4.26
	Central R. R. Co. of New Jersey	do	6. 50 27. 08
	Northern Pacific Rwy. Co	do	27.08
	Grand Trunk Rwy Co	do	10.88 6.90
	A. C. True et al.	Salaries	2,790.3
Nov. 4	A. C. True	Traveling expenses	50. 2 73. 8
13	D. J. Crosby	Tumbor	73.89
16	E. W. Allen	Traveling excenses	6. 1 43. 6
20	O. J. Kern	Photos	5, 5
21	Remington Typewriter Co	Adjusting typewriters	. 6 2. 8
23 30	A C True et al	Cards	2,779.0
Dec. 1	The Hammond Typewriter Co	Repairs	3, 1
	W. B. Moses & Sons	Furniture polish	. 5 4. 1
0	Delano & Moore	Photo supplies	4.1
2	Poter Fireman	Tin trays	$\frac{2.7}{33.7}$
5	A. C. True	Traveling expenses	18.5
10	D. Frank Parker	Ink, etc.	2.8
17	Rudolph, West & Co.	Duster, etc.	1.1
	Church & Stephenson	Tray.	1.0
	David W. Brown	Report	2.0 135.0
	A. C. True.  D. Frank Parker.  Rudolph, West & Co.  Library Bureau  Church & Stephenson  David W. Brown  John C. Parker.  Pichmond Evalurication and Potenzia	Report Note books, etc. Passenger transportation	7.6
18	Thempond, Fledericksburg and I otomac	Passenger transportation	3.5
	R. R. Co.		17.5
	Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.	do	17.5
	Chicago, St. Paul, Minneapolis and Omaha	do	14.4
	Rwy.		
	The Lake Shore and Michigan Southern Rwy.	do	5.8
	Roston and Maine R R	do	6.0
	Baltimore and Ohio R. R. Co	do	6.0 17.8
	Southern Rwy. Co	do	20.3
	Washington Southern Rwy. Co	do	8.3 5.2 10.5
	New York New Haven and Hartford R R Co	do	10. 5
	Pennsylvania R. R. Co	do	68.0
22	W. H. Beal	Traveling expenses	68.0 10.2 40.5
28 31	Union Pacific R. R. Co.	Passenger transportation	2,883.0
91	Co. Boston and Maine R. R. Baltimore and Ohio R. R. Co. Southern Rwy. Co. Washington Southern Rwy. Co. Southern Pacific Co. New York, New Haven and Hartford R. R. Co. Pennsylvania R. R. Co. W. H. Beal. Union Pacific R. R. Co. A. C. True et al.	Sararies	2,000.0
	Total second quarter		9,405.5
1904. Jan. 7			
Jan. 7	Capital Traction Co	Tickets	5.0
12	Capital Traction Co. E. V. Wilcox	Traveling avnances	5.0 39.9
14	Library Bureau.	Traveling expenses Trays and cases Passenger transportation	15.0
25	Pennsylvania R. R. Co	Passenger transportation	19.5
	New York, New Haven and Hartford R. R.	ao	12. 2
	Library Bureau Pennsylvania R. R. Co do New York, New Haven and Hartford R. R. Co.	ao	10.0 12.2
0.0	New York, New Haven and Hartford R. R. Co. Baltimore and Ohio R. R. Co.	ao	
26	do New York, New Haven and Hartford R. R. Co Baltimore and Ohio R. R. Co D. Frank Parker. Vernand P. P.	ao	12. 4 1. 2
26	do New York, New Haven and Hartford R. R. Co. Baltimore and Ohio R. R. Co. D. Frank Parker Kenyon L. Butterfield Adams Express Co.	ao	12. 4 1. 2 25. 0 4. 3
26	do New York, New Haven and Hartford R.R. Co Baltimore and Ohio R. R. Co D. Frank Parker Kenyon L. Butterfield Adams Express Co John C. Parker	ao	12.4 1.2 25.0 4.3
- 31	do New York, New Haven and Hartford R.R. Co. Baltimore and Ohio R. R. Co. D. Frank Parker Kenyon L. Butterfield. Adams Express Co. John C. Parker A. C. True et al.	ao	12. 4 1. 2 25. 0 4. 3 . 5
31 Feb. 8	do New York, New Haven and Hartford R. R. Co. Baltimore and Ohio R. R. Co. D. Frank Parker. Kenyon L. Butterfield. Adams Express Co. John C. Parker. A. C. True et al. The Chesapeake and Potomac Telephone Co.	ao	12.4 1.2 25.0 4.3 .5 3,065.8
- 31	do New York, New Haven and Hartford R. R. Co. Baltimore and Ohio R. R. Co. D. Frank Parker Kenyon L. Butterfield Adams Express Co. John C. Parker A. C. True et al. The Chesapeake and Potomac Telephone Co. National Electric Supply Co. Woodward & Lothrop	ao	12. 4 1. 2 25. 0 4. 3 3, 065. 8 6. 2 1. 8
Feb. 31 9	do New York, New Haven and Hartford R. R. Co. Baltimore and Ohio R. R. Co. D. Frank Parker Kenyon L. Butterfield Adams Express Co. John C. Parker A. C. True et al. The Chesapeake and Potomac Telephone Co. National Electric Supply Co. Woodward & Lothrop.	ao	12.4 1.2 25.0 4.3 .5 3,065.5 6.2 1.8
Feb. 31 9 12	do New York, New Haven and Hartford R. R. Co. Baltimore and Ohio R. R. Co. D. Frank Parker. Kenyon L. Butterfield. Adams Express Co. John C. Parker. A. C. True et al. The Chesapeake and Potomac Telephone Co. Woodward & Lothrop. Wolf Bros. Baltimore and Ohio R. R. Co.	ao	12. 4 1. 2 25. 0 4. 3 3, 065. 8 6. 2 1. 8
Feb. 31 9	do New York, New Haven and Hartford R. R. Co. Baltimore and Ohio R. R. Co. D. Frank Parker. Kenyon L. Butterfield. Adams Express Co. John C. Parker. A. C. True et al. The Chesapeake and Potomac Telephone Co. National Electric Supply Co. Woodward & Lothrop. Wolf Bros. Baltimore and Ohio R. R. Co. Norfolk and Western Rwy. Co.	ao	12. 4 1. 2 25. 0 4. 3 3,065. 8 6. 2 1. 8 3. 8 8. 7 20. 2 6. 3
Feb. 31 9 12 17	do New York, New Haven and Hartford R. R. Co. Baltimore and Ohio R. R. Co. D. Frank Parker Kenyon L. Butterfield Adams Express Co. John C. Parker A. C. True et al. The Chesapeake and Potomac Telephone Co. National Electric Supply Co. Woodward & Lothrop. Wolf Bros Baltimore and Ohio R. R. Co. Norfolk and Western Rwy. Co. The Pullman Co. The Wabsah R. R. Co.	ao	12.4 1.2 25.0 4.3 3,065.5 1.8 3.8 8.7 20.2 6.3 19.0
Feb. 31 9 12 17	do New York, New Haven and Hartford R. R. Co Baltimore and Ohio R. R. Co D. Frank Parker Kenyon L. Butterfield Adams Express Co John C. Parker A. C. True et al. The Chesapeake and Potomac Telephone Co National Electric Supply Co Woodward & Lothrop Woff Bros Baltimore and Ohio R. R. Co Norfolk and Western Rwy. Co The Pullman Co The Wabash R. R. Co A. C. True	ao	12.4 1.2 25.0 4.3 3,065.5 1.8 3.8 8.7 20.2 6.3 19.0
Feb. 31 8 9 12 17 18	do New York, New Haven and Hartford R. R. Co Baltimore and Ohio R. R. Co D. Frank Parker Kenyon L. Butterfield Adams Express Co John C. Parker A. C. True et al. The Chesapeake and Potomac Telephone Co National Electric Supply Co Woodward & Lothrop Wolf Bros Baltimore and Ohio R. R. Co Norfolk and Western Rwy. Co The Pullman Co The Wabash R. R. Co A. C. True Pennsylvania R. R. Co	ao	12.4 1.2 25.0 4.3 3,065.8 6.2 1.8 3.8 7 20.2 6.3 19.0 10.8 4.5 9 15.9
Feb. 8 9 12 17 18	do New York, New Haven and Hartford R. R. Co. Baltimore and Ohio R. R. Co. D. Frank Parker. Kenyon L. Butterfield. Adams Express Co. John C. Parker. A. C. True et al. The Chesapeake and Potomac Telephone Co. National Electric Supply Co. Woodward & Lothrop. Wolf Bros. Baltimore and Ohio R. R. Co. Norfolk and Western Rwy. Co. The Pullman Co. The Wabash R. R. Co. A. C. True. Pennsylvania R. R. Co. L. H. Bailey.	do do do lnk Article for publication Transportation Calendar pads Salaries Telephone service Electric supplies Chairs Envelopes Passenger transportation do do do Traveling expenses Passenger transportation	12.4 1.2 25.0 4.3 3,065.1 3.065.1 1.8 3.2 6.3 19.0 10.6 4.9 15.9
Feb. 31 8 9 12 17 18	do New York, New Haven and Hartford R. R. Co. Baltimore and Ohio R. R. Co. D. Frank ParkerKenyon L. Butterfield Adams Express Co. John C. Parker A. C. True et al. The Chesapeake and Potomac Telephone Co. National Electric Supply Co. Woodward & Lothrop. Wolf Bros Baltimore and Ohio R. R. Co. Norfolk and Western Rwy. Co. The Pullman Co. The Wabash R. R. Co. A. C. True. Pennsylvania R. R. Co. L. H. Bailey. E. Morrison Paper Co.	do do do lnk Article for publication Transportation Calendar pads Salaries Telephone service Electric supplies Chairs Envelopes Passenger transportation do do do Traveling expenses Passenger transportation	12.4 1.2 25.0 4.3 3,065.5 6.2 1.8 3.8 8.7 20.2 6.3 19.0 10.8 4.9 15.9 120.0 3.0
31 Feb. 8 9 12 17 18	CO. Baltimore and Ohio R. R. Co. D. Frank Parker. Kenyon L. Butterfield. Adams Express Co. John C. Parker. A. C. True et al. The Chesapeake and Potomac Telephone Co. National Electric Supply Co. Woodward & Lothrop. Wolf Bros. Baltimore and Ohio R. R. Co. Norfolk and Western Rwy. Co. The Pullman Co The Wabash R. R. Co. A. C. True. Pennsylvania R. R. Co. L. H. Bailey. E. Morrison Paper Co. Delano & Moore.	dododoInk Article for publication Transportation Calendar pads Salaries Telephone service Electric supplies Chairs Envelopes Passenger transportationdodododododoTraveling expenses Passenger transportation Article for publication Paper Prints	12.4 1.2 25.0 4.3 3,065.8 3.8 8.7 20.2 6.3 19.0 10.8 4.9 120.0 3.0
Feb. 31 8 9 12 17 18	CO. Baltimore and Ohio R. R. Co. D. Frank Parker. Kenyon L. Butterfield. Adams Express Co. John C. Parker. A. C. True et al. The Chesapeake and Potomac Telephone Co. National Electric Supply Co. Woodward & Lothrop. Wolf Bros. Baltimore and Ohio R. R. Co. Norfolk and Western Rwy. Co. The Pullman Co The Wabash R. R. Co. A. C. True. Pennsylvania R. R. Co. L. H. Bailey. E. Morrison Paper Co. Delano & Moore.	dododoInk Article for publication Transportation Calendar pads Salaries Telephone service Electric supplies Chairs Envelopes Passenger transportationdodododododoTraveling expenses Passenger transportation Article for publication Paper Prints	12.4 1.2 25.0 4.3 3,065.4 1.8 8.7 20.2 6.3 19.0 10.8 4.9 120.0 3.0 1.4 4.3 3.0
Feb. 8 9 12 17 18 23 24 27	CO. Baltimore and Ohio R. R. Co. D. Frank Parker. Kenyon L. Butterfield. Adams Express Co. John C. Parker. A. C. True et al. The Chesapeake and Potomac Telephone Co. National Electric Supply Co. Woodward & Lothrop. Wolf Bros. Baltimore and Ohio R. R. Co. Norfolk and Western Rwy. Co. The Pullman Co The Wabash R. R. Co. A. C. True. Pennsylvania R. R. Co. L. H. Bailey. E. Morrison Paper Co. Delano & Moore.	dododoInk Article for publication Transportation Calendar pads Salaries Telephone service Electric supplies Chairs Envelopes Passenger transportationdodododododoTraveling expenses Passenger transportation Article for publication Paper Prints	12.4 1.2 25.0 4.3 3.65.5 5.6 6.2 1.8 8.7 20.2 6.3 19.0 10.8 4.9 120.0 3.0 1.4 9.0 9.0 9.0
Feb. 31 8 9 12 17 18	do New York, New Haven and Hartford R. R. Co Baltimore and Ohio R. R. Co D. Frank Parker Kenyon L. Butterfield Adams Express Co John C. Parker A. C. True et al. The Chesapeake and Potomac Telephone Co National Electric Supply Co Woodward & Lothrop Wolf Bros Baltimore and Ohio R. R. Co Norfolk and Western Rwy. Co The Pullman Co The Wabash R. R. Co A. C. True Pennsylvania R. R. Co L. H. Bailey E. Morrison Paper Co Delano & Moore U. S. Express Co Remington Typewriter Co Western Union Telegraph Co A. C. True et al. D. J. Crosby Mabel R. Wilcox	dododoInk Article for publication Transportation Calendar pads Salaries Telephone service Electric supplies Chairs Envelopes Passenger transportationdodododododoTraveling expenses Passenger transportation Article for publication Paper Prints	12.4 1.2 25.0 4.3 3,065.4 1.8 8.7 20.2 6.3 19.0 10.8 4.9 120.0 3.0 1.4 4.3 3.0

## Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. AGRICULTURAL EXPERIMENT STATIONS-Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
far. 18	Church & Stephenson. R. P. Andrews & Co. (Incorporated). E. Morrison Paper Co. R. Carter Ballantyne. Yawman & Erbe Manufacturing Co. Rudolph, West & Co. The Wahash R. R. Co.	Lumber	\$7.35
	R. P. Andrews & Co. (Incorporated)	Paper. Pasteboard.	1.20
0.1	E. Morrison Paper Co	Pasteboard	1.50
24 26	Vawman & Frhe Manufacturing Co	Indexes. Sections	. 53 46. 70
20	Rudolph, West & Co.	Lock, etc.	1. 51
28	The Wabash R. R. Co Canadian Pacific Rwy. Co Pennsylvania R. R. Co Peter Fireman A. C. True et al	Lock, etc. Passenger transportationdododododododo	7.02
29	Canadian Pacific Rwy. Co	do	50.00
31	Pennsylvania R. R. Co	do	14. 25
	Peter Fireman	Translating	41. 23 3, 266. 49
	· · · · · · · · · · · · · · · · · · ·	do. Translating Salaries	10,030.00
	Total third quarter	Oll-	
pr. 9	R. P. Andrews & Co. (Incorporated) American Writing Machine Co Capital Traction Co. Postal Telegraph-Cable Co Union Envelope Co. H. C. Davison & Co. Pennsylvania Company Library Bureau	Clips	2.40
14	Capital Traction Co	Tickets	5.0
18	Postal Telegraph-Cable Co	Telegraph service	6
19	Union Envelope Co	Paper Tickets Telegraph service Envelopes	88.0
	H. C. Davison & Co	raper	5.4 17.5
20	Pennsylvania Company	Passenger transportation	17.5
	Library Bureau	Cards, etc.	8.0
25	Library BureaudoD. Frank ParkerWm. H. Rupp Co. The Chesapeake and Potomac Telephone Co. E. W. AllenA. C. True et alLucius R. HazenU. S. Envelope CoAdams Express CoU. S. Express CoWestern Union Telegraph CoBlue Line Transfer CoD. J. Crosby	Numbering machine, etc	3. 2 12. 5
20	Wm. H. Rupp Co	Paper	1.2
28	The Chesapeake and Potomac Telephone Co.	Telephone service	6.2
29	E. W. Allen	Telephone service Traveling expenses	26.6
30	A. C. True et al.	Salaries Clips Envelopes Transportation	3, 142. 0
Iay 4	Lucius R. Hazen	Clips	. 6
13	U. S. Envelope Co.	Envelopes	41. 1
19	U.S. Express Co	do	4. 7 2. 7
	Western Union Telegraph Co.	Telegraph service	9.4
	Blue Line Transfer Co.	Transportation Traveling expenses	. 3
18	D. J. Crosby	Traveling expenses	47.0
19	W. B. Moses & Sons Woodward & Lothrop. Library Bureau	Rug, etc. Matting. Cards.	67.5 37.9
	Woodward & Lothrop	Matting	37.9 26.9
23	Wolf Bros		14.6
26	Washington Southern Rwy, Co.	Passenger transportation	15.3
31	A. C. True et al	Salaries	3,004.1
June 3	Wolf Bros Washington Southern Rwy. Co A. C. True et al. H. C. Davison & Co.	Passenger transportation. Salaries Paper	10.8
		Labels	18.0
6	Yawman & Erbe Manufacturing Co J. I. Schulte	Guides Salary	29. 5 153. 4
8	D. W. May	Traveling expenses	40. 8
11	U. S. Envelope Co.	Envelopes	4.9
13	A. C. True	Traveling expenses	41.9
16	D. W. May U. S. Envelope Co. A. C. True Walter H. Evans. Adams Express Co. Covled Press	Envelopes Traveling expensesdo Transportation	46.2
20	Adams Express Co.	Transportation	3.7
	The Cheenneske and Potomes Telephone Co	Paper Telephone service Trunk board, etc	
	R. Carter Ballantyne	Trunk board, etc	42.
	Adams Express Co. Gaylord Bros. The Chesapeake and Potomac Telephone Co. R. Carter Ballantyne. Rudolph, West & Co. W. B. Moses & Sons. Geo. F. Muth & Co. Library Bureau. James B. Lambie Co. (Incorporated). Frank E. Hopkins. Jas. B. Lambie Co. (Incorporated).	Saw, etc	3.2
	W. B. Moses & Sons	Chairs, etc. Benzine and can. Guides.	128.9
	Geo. F. Muth & Co	Benzine and can	2.0
	Lames R. Lambia Co. (Incomposited)	Guides	2.0
	Frank F. Honkins	Hatchet Hinges	2.
	Jas. B. Lambie Co. (Incorporated)	Zine	1.6
	Western Union Telegraph Co	Telegraph service.	1.5
	Woodward & Lothron		76,0
	S. J. Venable Southern Printers' Supply Co Delano & Moore Wm. H. Rupp Co. H. M. Pictors'	Frames	4.:
- 29	Southern Printers' Supply Co	Electros. Photo supplies.	2.6 72.0
- 29	Wm H Rupp Co	Scale, etc.	9.
	H. M. Pieters	Translating	47.
	National Electric Supply Co	Electrical supplies	10.3
	The Murray Lyceum Bureau	Translating Electrical supplies Slides	10.2
00	H. M. Pieters. National Electric Supply Co. The Murray Lyeeum Rureau. Felt & Tarrant Manufacturing Co.	Comptometer	150.0
30	A. C. True et al.	Salaries	2,930.
	Total fourth quarter		10, 406.
	Supplemental.		
		Trovoling ornonge	· 74.3
July 5 18		Traveling expenses. Fare tickets (120)	5.0

## Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. AGRICULTURAL EXPERIMENT STATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
-	Supplemental—Continued.		
1904.	W D M		
July 18	W. B. Moses & Sons.	Cases, etc	\$35.75
19	American Writing Machine Co	Paper	23.75
	Swayze, Bailey & Co. United States Envelope Co.	Labels, etc	1.40
20	National Electric Supply Co	Envelopes Fan	14. 25 10. 50
20	Remington Typewriter Co.	Typewriter.	90.00
	Woodward & Lothrop	Matting, etc.	41.88
	Lamb & Tilden	Numbering machine	27.44
23	Southern Rwy. Co	Passenger transportation	7.20
26	Peter Fireman	Abstracts of reports	37.50
30	Atlantic Coast Line R. R. Co	Passenger transportation	3.45
	Seaboard Air Line Rwy.	do	21.60
Aug. 1	O. W. Barrett	Traveling expenses	51.61
3	The Chesapeake and Potomac Telephone Co.	Telephone service	6.25
	D. F. Parker	Stencil pencils	2.00
10	John C. Parker O. W. Barrett	Paper Services	7.80 148.30
10	E. W. Allen	Traveling expenses	65.75
16	Western Union Telegraph Co	Telegraph service.	. 26
10	Remington Typewriter Co.	Adjusting typewriter	1.70
17	do	Typewriter	92, 25
18	Library Bureau	Cards	2.38
27	R. Carter Ballantyne	Envelopes, etc	8.95
29	F. W. Woll	Translating	250.00
Sept. 1	E. V. Wilcox	Traveling expenses	9.75
14	United States Express Co	Transportation	1.20
17 19	Jasper Wilson	Traveling expenses	144.15
19	Rutland R. R. Co. Southern Rwy. Co.		9.68 3.10
		do	10.40
	Lehigh Valley R. R. Co.	do	2.23
	St. Louis and San Francisco R. R. Co	do	18.74
	Georgia Southern and Florida Rwy. Co	do	9.00
Į	Illinois Central R. R. Co	do	9.07
	Burlington and Missouri River R. R. in Ne-	do	1.65
	braska.		
	Chicago, Rock Island and Pacific Rwy. Co		7.76
	Chicago and Northwestern Rwy. Co		19.00
	Chicago and Alton Rwy. Co.		7.50
	The Atchison, Topeka and Santa Fe Rwy. Co. Baltimore and Ohio R. R. Co.	do	. , 7.22
	The Wabash R. R. Co.	do	4.35
	do	do	22, 10
	The Chesapeake and Ohio R. R. Co. New York Central and Hudson River R. R.	do	65.80
	New York Central and Hudson River R. R.	do	4, 45
	Co.		
20	Adams Express Co	Transportation	1.55
	Yawman & Erbe Manufacturing Co	Cabinet	40.00
24	Western Union Telegraph Co	Telegraph service	2.02
	The Wabash R. R. Co,	Passenger transportation	4.93
	(Note)		1 505 91
	Total		1,505.21

#### RECAPITULATION.

Total first quarter	\$8,590.72
Total second quarter	9,405.58
Total third quarter	10,030.00
Total fourth quarter	10, 406. 16
Total supplemental	1,505.21

#### STATIONS OF ALASKA.

Total 39,937.67

Date.	Name.	Nature of payment.	Total.
1903. July 20 24 28 Aug. 1	Bernard Hirst. W. P. Mills Co. (Incorporated) Edw. de Groff. C. C. Georgeson. F. E. Rader. H. P. Nielsen. J. W. Neal. R. W. De Armond.	Hay and feed. Coal and wharfage. Salary. do. do. do	\$3.70 33.85 13.15 252.70 126.40 126.40 75.00

## Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. STATIONS OF ALASKA—Continued.

Da	ate.	Name.	Nature of payment.	Total.
10	03.			
Aug		W. L. Neal	Salary	\$70.00
	26	P. H. Ross	Anchor	60.00 19.73
	27	do	Wood preservative.	6.50
Sept		H. P. Nielsen	Salary.	126.40
		W. L. Neal	do	70.00 60.00
		J. W. Neal	do	126.40
		E. L. Wells	do	50.00
		C. C. Georgeson	do	50.00 252.70
		F. E. Rader	do	126.40
	18	R. W. De Armond	Passanger transportation	75.00 28.00
	19	Pacific Coast S. S. Co.	do	30.00
	28	P. H. Ross	Salary	60.00
		J. W. Neal Fred E Rader	Expenses	29.50 122.20
		C. C. Georgeson	do	244.60
		Walter L. Neal	do	70.00 122.20
		Edward L. Wells	do	50.00
		R. W. De Armond	do	75.00
		W. L. Neal P. H. Ross Seattle Hardware Codo. H. P. Nielsen W. L. Neal P. H. Ross. J. W. Neal E. L. Wellsdo. C. C. Georgeson F. E. Rader R. W. De Armond Pacific Packing and Navigation Co. Pacific Coast S. S. Co. P. H. Ross J. W. Neal Fred. E. Rader C. C. Georgeson Walter L. Neal H. P. Nielsen Edward L. Wells R. W. De Armond J. W. Neal Total first quarter	do	146.80
		Total first quarter		2,829.03
Oct.	. 9	H. P. Nielsen J. W. Neal C. C. Georgeson. W. P. Mills Co. (Incorporated) J. W. Neal W. P. Mills Co. (Incorporated) H. P. Nielsen W. P. Mills Co. (Incorporated) Northern Pacific Rwy. Co. Alaska Commercial Co. Pacific Packing and Navigation Co. C. Georgeson H. P. Nielsen R. W. De Armond W. L. Neal J. W. Neal J. W. Neal P. H. Ross. Fred. E. Rader.	Ermanaga	61 40
Oct.	19	J. W. Neal	Traveling expenses	64.40 58.80
		C. C. Georgeson.	do	112 00
	22 23	W. P. Mills Co. (Incorporated)	Station supplies	155. 22 107. 20
	20	W. P. Mills Co. (Incorporated)	Lumber	48.69
	0.1	H. P. Nielsen	Expenses.	93.00
	24 31	W. P. Mills Co. (Incorporated)	Supplies	50.03
	01	Alaska Commercial Co	do	5.60 30.00
NT	- 0	Pacific Packing and Navigation Co	do	10.00
Nov	. 2	H. P. Nielsen	satarydo	252.70 126.40
		R. W. De Armond	do	75.00
		W. L. Neal	do	70.00 151.60
		P. H. Ross	do	60.00
		Fred. E. Rader	do	126.40
	4	Fred. E. Rader Edward de Groff W. S. Amy Edward L. Wells O. B. Hess J. W. Neal do R. W. De Armond Fred. E. Rader C. C. Georgeson	Freight	6.30
	10	Edward L. Wells	Salary	50.00
	20 25	O. B. Hess	Cow, etc.	76.40 85.04
	30	do	Salary	146. 80
		R. W. De Armond	do	75.00
		C. C. Georgeson	dodo	122.20 244.60
_		P. H. Ross	do	60.00
Dec.	. 2	W. P. Mills Co. (Incorporated)	Supplies	61.34 47.00
	18	Juneau Steamship Co.	Passenger transportation.	10.00
	19	Fred. E. Rader C. C. Georgeson P. H. Ross W. P. Mills Co. (Incorporated) do Juneau Steamship Co. H. P. Nielsen The A. Hambach Co John Bartnoosky	Expenses	29, 55
	21	John Bartnoosky	Hot-water heating plant	392, 80 50, 00
		Total second quarter	1	3, 254. 07
	04.			
Jan.	. 2	P. H. Ross	Traveling expenses	34.90
		R. W. De Armond	do	60.00 75.00
		J. W. Neal	do	75.00 151.60
		C. C. Georgeson	do	126, 40 252, 70
	18	Carl Spuhn	Fertilizer	252.70 29.95
Feb	26	Edward de Groff	Freight charges	11.90
160	. 2	C. C. Georgeson	Salarydo	75.00 255.50
		J. W. Neal	do	153.30
		P. H. Ross	do	127.70 60.00
	12	W. P. Mills Co. (Incorporated)	Station supplies	43.43
	23	P. H. Rossdo R. W. De Armond J. W. Neal Fred. E. Rader C. C. Georgeson Carl Spuhn Edward de Groff R. W. De Armond C. C. Georgeson J. W. Neal Fred. E. Rader P. H. Ross. W. P. Mills Co. (Incorporated) Dunham, Carrigan and Hayden Co.	Hayrake	30.00
	ŀ	I. Doc. 256, 58-3——12		

 $Expenditures\ of\ the\ Department\ of\ Agriculture\ for\ fiscal\ year\ ending\ June\ 30,\ 1904-{\rm Cont'd}.$ 

STATIONS OF ALASKA—Continued.			
Date.	Name.	Nature of payment.	Total.
1904. Feb. 23 29 Mar. 2 4	Geo. E. James. W. P. Mills Co. (Incorporated)do J. W. Neal P. H. Ross. R. W. De Armond Fred. E. Rader C. C. Georgeson J. W. Neal C. C. Georgeson Bux Edward de Groff Frank J. Kinghorn W. P. Mills Co. (Incorporated) Curtis P. Coe	Flooring, etc Supplies Salary do do do Traveling expenses Expenses Care of horses Coal, etc Hauling, etc Coal, etc	36.45 61.38 143.40 60.00 75.00 119.60 239.00 22.10 12.80 45.00 52.25 24.44
	Total third quarter		
Apr. 25	S. L. Reinhardt & Co.		
	Total fourth quarter		1.35
	st quarter RECAPITULA sond quarter ind quarter irth quarter tal STATIONS OF ALASKA—		
Date.	Name.	Nature of payment.	, Total.
1903. July 1 1904. Jan. 12 24 May 14 June 13	C. C. Georgesondododododododo.		\$1,000.00 1,000.00 1,000.00 1,500.00 2,033.23
June 15	Total		
	HAWAII		
******			
1903. July 24 Aug. 17 19 25 Sept. 11	M. V. Slingerland G. E. Stechert United States Envelope Co G. E. Stechert The Kny-Scherer Co G. E. Stechert	Lantern slides Books Envelopes Books Cages, etc Books	\$31. 22 11. 10 15. 60 45. 86 30. 75 33. 81
	Total first quarter		168.34
Oct. 12 14 Nov. 23	E. Morrison Paper Co	Herbarium paper	4.50 67.75 126.50
Dec. 15	do do Oceanic Steamship Co The Pacific Mail Steamship Co		
	Total second quarter		343.36
1904. Jan. 25 26 Mar. 5	Pennsylvania R. R. Co. G. E. Stechert. do. do do Postal Telegraph Cable Co.  Total third-quarter	Books do do do Telegraph service	29. 65 6. 32 60. 64 297. 64 33. 00 2. 15
	Lovar uniturquat Cl		120.10

### RECAPITULATION.

Total, first quarter. Total, second quarter. Total, third quarter.	\$168.34 343.36 429.40
Total	941, 10

#### HAWAII-SPECIAL AGENT.

Date.	Name.	Nature of payment.	Total.
1904. Jan. 20 Mar. 24	J. G. Smith		

#### PAID BY U. S. TREASURY.

1904. Feb. 17	Union Pacific R. R. Co	Passenger transportation	\$27.00
reb. 17	Union Facine R. R. Co	rassenger transportation	521.0

#### PORTO RICO.

190	13		•	
Aug.		F. D. Gardner	Salary	\$252,70
		O. W. Barrett	.do	126.40
		E. C. Howe	do	101, 10
		J. W. Van Leenhoff	do	30,30
Sept	. 3	E. C. Howe	do	101, 10
•		J. W. Van Leenhoff	do	30.30
		F. D. Gardner		252.70
		O. W. Barrett	do	139.00
	4	Olds & Whipple	Tenting cloth	40.56
	24	W. A. Wood M. & R. M. Co.		45.00
	28	O. W. Barrett	Salary	67.26
		Frank D. Gardner		244.60
		J. W. Van Leenhoff. Edward C. Howe.		29.40 97.80
		Edward C. Howe		97.80
		Total first quarter		1,558.22
		•		
Nov.	. 2	O. W. Barrett		139.00
		Edward C. Howe	do	109.50
		Frank D. Gardner		252.70
	-00	J. W. Van Leenhoff.	do	30.30
	23	Yawman & Erbe Manufacturing Co	Guides	1.20
	30	Frank D. Gardner O. W. Barrett	Salary	244.60
		Edward C. Howe		134.50 106.00
		Johan Van Leenhoff, jr.		97, 80
		J. W. Van Leenhoff.	do	29.40
Dec.	1	Brentanos.		29, 68
	2	Reasoner Bros		22.94
	5	E. F. Curt	Salary	27.17
			,	
		Total second quarter		1,224.79
190	14			
Jan.		Frank D. Gardner	Solory	252, 70
van.	-	J. W. Van Leenhoff.	do	30, 30
		O. W. Barrett		139.00
		Edward C. Howe		109.50
			do	84, 20
		Johan Van Leenhoff, jr		101, 10
	12	Frank D. Gardner	Traveling expenses	20,72
	19	I. P. Roosa	Expenses	5, 05
	27	F. A. Cauchois & Co	Roasting coffee, etc	30.78
Feb.	. 1	Frank D. Gardner		255.50
	2	O. W. Barrett		153, 30
		E. F. Curt	do	85.20
		Edward C. Howe	0D	110.70

	PORTO RICO—(	Continued.	
Date.	* Name.	Nature of payment.	Total.
1904. Feb. 2 12 16 18 24 29 Mar. 26 28	J. Van Leenhoff  J. W. Van Leenhoff. Edmund Mortimer & Co. Geo. W. Moss. Pennsylvania R. R. Co. The New York and Porto Rico Steamship Co. F. W. Bolgiano & Co. Johan Van Leenhoff, jr E. F. Curt. Frank D. Gardner O. W. Barrett. J. W. Van Leenhoff. Edward C. Howe. Rudolph, West & Co. The New York and Porto Rico Steamship Co.	Salarydo.	7.50 95.60 79.60 239.00 143.00
	Total third quarter		2,378.25
Apr. 4 9 18 20 25 28 May 4 26  June 3 11 20	G. P. Clinton I. P. Roosa. Estate of John C. Parker Western Union Telegraph Co. Pennsylvania R. R. Co D. Frank Parker Pennsylvania R. R. Co. United States Envelope Co. Pennsylvania R. R. Co. United States Envelope Ro. Pennsylvania R. R. Co. New York, New Haven, and Hartford R. R. Co. The New York and Porto Rico Steamship Co. Adams Express Co. F. D. Gardner Boulton, Bliss and Dallett Total fourth quarter	Mules Tags Tags Telegraph service Passenger transportation Mimeograph Passenger transportation Envelopes Passenger transportation do do Transportation Traveling expenses Passenger transportation	525. 00 5. 25 . 72 6. 50 15. 00 8. 00 3. 21 6. 50 10. 25 40. 00 3. 15
Total sec Total the Total for	RECAPITULE st quarter ond quarter. rd quarter nrth quarter. tal. SPECIAL AG		1, 224. 79 2, 378. 25 691. 64
	STECIAL AG	EN LO.	
Date.	Name.	Nature of payment.	Total.
1903.	P. D. C.		e1 000 00

Date.	Name.	Nature of payment.	Total.
1904. Feb. 24 May 3 Apr. 2 May 14	F. D. Gardner do do do  F. D. Gardner David W. May F. D. Gardner David W. May do  Total		1,000.00
	10.81		0,147.10

### FARMERS' INSTITUTES.

A110 31	Jno. Hamilton et aldo. Jno. Hamiltondo. Southern Rwy. CoJno. Hamilton et al.	Traveling expenses do	239.30 34.36 26.25
	Total first quarter		802.55
-	1 Out Hib ( qual termination of the contract o		

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. FARMERS' INSTITUTES—Continued.

				1
Da	te.	Name.	Nature of payment.	Total.
190				
Oct.	3 21	John Hamilton	Traveling expensesdo	\$22.64 89.80
	22	do Library Bureau Southern Rwy. Co	Pamphlet cases	20.00
	31	Southern Rwy. Codo	Passenger transportation	11.75 23.00
		Jno. Hamilton et al.	Salaries.	239.30
Nov	. 7	Jno. Hamilton	Traveling expenses	14, 05 231, 40
Dec.		Southern Rwy. Co.	Passenger transportation	18.50
		do	do	18.50 17.40
		Jno. Hamilton et al. Jno. Hamilton Jno. Hamilton Jno. Hamilton et al. Southern Rwy. Co. dodo. The Chicago, Burlington and Quincy Rwy.	do	34.35
		Co.		14.75
	19	Burlington and Missouri R. R. in Nebraska John Hamilton	Traveling expenses	74.60
	31	John Hamilton et al	Salaries	239.30
		Total second quarter		1,069.34
100		***************************************		
190 Jan.		Union Pacific R. R. Co	Passenger transportation	31.50
		Union Pacific R. R. Co. Pittsburg, Cincinnati and St. Louis Rwy. Co. John Hamilton	do	10.00
	28 31	John Hamilton et al.	Traveling expenses	96.40 241.80
Feb.		John Hamilton	Salaries Traveling expenses Salaries	52.96
Mar.	. 17	John Hamilton et al. Burlington and Missouri River R. R. in Ne-	Salaries   Passenger transportation   Passenge	226. 40 14. 40
		braska.		
	28	The Chicago, Burlington and Quincy Rwy.	do	14.40
	29 31	Chicago, Milwaukee and St. Paul Rwy. Co	Traveling expenses	22. 15
	31	John Hamilton John Hamilton et al	Salaries	83, 23 241, 80
		Total third quarter		1,035.04
Amm	200			
Apr.	. 20	The Chesapeake and Ohio Rwy. CoDelano & Moore The Wabash R. R. CoTerre Haute and Indianapolis R. R. CoGrand Trunk Rwy. System. John Hamilton et al. United States Express CoChicago and Northwestern Rwy. CoPennsylvania Company	Albums	8.50
	00	The Wabash R. R. Co.	Passenger transportation	6.86
	28	Grand Trunk Rwy, System	do	19. 25 16. 42
Man	30	John Hamilton et al.	Salaries	234.00
May	13 18	Chicago and Northwestern Rwy. Co.	Transportationdo.	.60 11.00
		Pennsylvania Company. St. Louis and San Francisco R. R. Co	do	
		New York, New Haven and Hartford R.R.Co.	do	23.50 4.30
	20	A. McCreary	Frames	18.00
	26 26	Washington and Southern Rwy. Co. St. Louis and San Francisco R. R. Co.	Passenger transportation	8.30 32.00
T	31	Jno. Hamilton et al.	Salaries	242.00
June	3	The Randolph Paper Box Co	Pamphlet cases	. 45 8. 10
	4	Jno. Hamilton et al. Adams Express Co. The Randolph Paper Box Co. John Hamilton Yawman & Erbe Manufacturing Co.	Tansportation Pamphlet cases Traveling expenses Cabinet	53. 53 78. 25
	6 20	W. B. Moses & Sons	Cases, etc	78, 25 12, 50
	25 30	John Hamilton	Traveling expenses	19.10
	30	John Hamilton et al	Salaries	234.00
		Total fourth quarter		1,061.91
		Supplemental.		
July	5	Delano & Moore	Photo supplies	44.28
	20	Baltimore and Ohio R. R. Co. National Electrical Supply Co.	Passenger transportation	19.50 8.50
	26	F. M. Heaton	Making charts	10.00
	30	Seaboard Air Line Rwy. St. Louis and San Francisco R. R. Southern Printers' Supply Co.	Photo supplies Passenger transportation Desk fan Making charts Passenger transportationdoThorros	28.30 10.62
Aug.		Southern Printers' Supply Co	Photo supplies Lantern slides, etc. Fan. Photos	2.50
	16 17	Delano & Moore	Photo supplies	10.71
	18	Manhattan Electric Supply Co.	Fan.	100.00 17.50
		R. A. Pearson	Photos.	75.00
		Library Bureau	do Cabinet Slides	120.00
		Delano & Moore. Jno. Craig Manhattan Electric Supply Co. R. A. Pearson. * H. J. Wheeler Library Bureau F. C. Stewart C. E. Thorne.	Slides	75.00
Sept	. 19	Chicago, Rock Island and Pacific Rwy. Co		75.00 10.15

### FARMERS' INSTITUTES—Continued.

	PARMERS INSTITUT.	ES—Continued:	
Date.	Name.	Nature of payment.	Total.
1904. Sept. 19 20 24	Supplemental—Continued.  Pennsylvania Co  Baltimore and Ohio R. R. Co Adams Express Co  Baltimore and Ohio R. R. Co do  Total		\$8.10 11.00 .50 14.25 14.25
-			
Total sec Total thi Total for Total sur	RECAPITULA st quarter ond quarter rd quarter rth quarter pplemental		\$802.55 1,069.34 1,035.04 1,061.91 755.16
	NUTRITION INVES		
Date.	Name.	Nature of payment.	Total.
J1903. July 21 23 31 Aug. 1 4 5 19 Sept. 31 18 4 9 11 18 19 21 24 30	H. C. White. Thos. Cook & Son. C. F. Langworthy et al. A. B. Albro et al. C. D. Woods. R. C. Ballantyne L. D. Mills. McLeod, Ward & Co. H. A. Pratt. Helen W. Atwater Library Bureau. Safford Stamp Works. C. F. Langworthy et al. C. D. Woods. A. B. Albro et al. Yawman & Erbe Manufacturing Co. American Electric Works. Thos. Cook & Son. New York, New Haven and Hartford R. R. Co. Southern Printers' Supply Co. C. F. Langworthy C. F. Langworthy et al.	Passenger transportation do  Electros Traveling expenses Salaries	\$150.00 90.00 407.80 930.43 84.20 2.60 22.16 12.63 35.00 1.50.00 617.61 11.75 7.67 31.36 2.10
Oct. 6 7 21 23	Total first quarter  Chas. D. Wood. Francis G. Benedict et aldo Densmore Typewriter Co.	Salary	3,452,41 81,60 439,60 54,56 13,75
24 28 29 31 Nov. 4	Francis G. Benedict et aldoDensmore Typewriter Co. Stanley & Patterson. H. S. Grindley Eimer & Amend. C. F. Langworthy et al. Francis G. Benedict et al. Chas. D. Woods. Thos. Cook & Son. R. D. Milner. C. F. Langworthy et al. The Middleton Electric Light Co. The Cox Brass Manufacturing Co. W. O. Atwater et al.	Repairs Electrical supplies Report Extractors, etc Salaries Pay roll Salary Passenger transportation	23.38 500.00 19.20 407.80 754.22 84.20 38.60
Dec. 2 30 4 14 15 16	Chas. D. Wood Harlow Raymond W. O. Atwater J. M. Van Vleek	Salary. Thermometers, etc. Expenses. Electric power, etc.	75, 36 231, 40 12, 83 11, 26 836, 60 81, 60 151, 50 95, 32 96, 25 27, 58 27, 93
18 28 31	Middletown Gas Light Co. The Middletown Electric Light Co. Pelton & King Lyman D. Mills Thos. Cook & Son C. F. Langworthy C. F. Langworthy et al	Record blanks Unions, etc Passenger transportation Traveling expenses Salaries	27. 93 12. 00 16. 83 93. 00 46. 64 239. 30
	Total second quarter		

## Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. NUTRITION INVESTIGATIONS—Continued.

		TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO		
Da	te.	Name.	Nature of payment.	Total
190	1/1			
Jan.		W. O. Atwater et al	Pay roll	\$1,012.65
	1.1	Chas. D. Woods. Harry Snyder. Thos. Cook & Son. American Spirits Manufacturing Co. Adams Express Co. C. F. Langworthy W. O. Atwater et al. Chas. D. Woods. H. S. Grindley. W. O. Atwater. Whitall, Tatum Co. Wilcox, Crittenden & Co. Eimer & Amend. Noxon & Whitney Co. Densmore Typewriter Co. General Electric Co. C. F. Langworthy	Salary	84.20 500.00
	$\frac{14}{25}$	Thos. Cook & Son	Passenger transportation	19.30
	26	American Spirits Manufacturing Co	Alcohol	19.30 23.98
	0.1	Adams Express Co	Report Passenger transportation Alcohol Transportation	.90 170.30
Feb.	31	W O Atwater et al	Salary Pay roll	955.05
1 (0)	-	Chas. D. Woods.	Salary. Traveling expenses Expenses. Watch glasses, etc.	85, 20
		H. S. Grindley	Traveling expenses	57.90 69.93
	12	Whitall Tatum Co	Watch glasses etc	8.45
	1-	Wilcox, Crittenden & Co	Castings	22.56
		Eimer & Amend	Chemicals, etc	14.19
		Densmore Typewriter Co	Castings Chemicals, etc. Hardware Repairing typewriter	10.79 5.00
		General Electric Co	Repairs	8.67
	15 17	C. F. Langworthy Baltimore and Ohio R. R. Co. Pennsylvania R. R. Co. Pittsburg, Cincinnati, Chicago and St. Louis	Repairs Traveling expenses. Passenger transportation do do	8.67 29.80 17.00
	18	Pennsylvania R. R. Co.	dodo	* 15.95
		Pittsburg, Cincinnati, Chicago and St. Louis	do	12.75
				3.83
	27	Western Union Telegraph Co	do. Telegraph service Salary	70
36.	29	Illinois Central R. R. Co Western Union Telegraph Co. C. F. Langworthy	Salary	159.40
Mar.	2	W O Atwotor et el	do	79.60 817.25
	3	do. The Geo. W. Knox Express Co. Wilcox, Crittenden & Co. Middletown Gas Light Co.	Expenses. Transportation	36.00
	01	The Geo. W. Knox Express Co	Transportation	.63 12.49
	21	Wilcox, Crittenden & Co	Castings Gas	12.49 42.00
	23	W. O. Atwater C. E. Wait	Expenses	114, 80
	24		-	500.00
		Total third quarter		4,891.27
Apr.	4	Chas. D. Woods	Salary	85. 20 659, 95
	11	W. O. Atwater et al. Eimer & Amend Lucius R. Hazen.	Pay roll Bunsen burner, etc.	16.50
		Lucius R. Hazen	Bunsen burner, etc. Stationery supplies Expensesdo Report. Traveling expensesdo do Lectric light, etc. Passenger transportation	46.23
		Lucius R. Hazen W. O. Atwaterdo. H. S. Grindley. W. O. Atwaterdodo. J. M. Van Vleck. Cleveland, Cincinnati, Chicago and St. Louis	do.	31.60 106.00
	19	H. S. Grindley	Report	500.00
	20	W. O. Atwater	Traveling expenses	22.30 10.45
		do	do	10.65
		J.M. Van Vleck	Electric light, etc	162.57
		Cleveland, Cincinnati, Chicago and St. Louis	Passenger transportation	8.65
May	2	Chas. D. Woods		82.40
	9	Rwy. Co. Chas. D. Woods. W. O. Atwater et al	Salary.* Pay roll	625, 44
	13	Western Union Telegraph Co	Talegraph service	60.00
	16	Francis G. Benedict. Western Union Telegraph Co. Middletown Electric Light Co.	Expenses Telegraph service Electric power	.81 23.81
	19 24	M. E. Jaffa W. O. Atwater	Electric power Report Traveling expensesdo Salary Pay roll Traveling expenses Gas. Traveling expenses	500.00
June	24	w. O. Atwater	do do	108. 80 225, 64
	8	Chas.D. Woods	Salary	85 20
		W.O. Atwater et al	Pay roll.	767.20
	11	Chas. D. Woods W. O. Atwater et al. Howard L. Knight Middletown Gas Light Co. C. F. Langworthy.	Gas	767. 20 2. 25 25. 90
	21	C. F. Langworthy	Traveling expenses	13. 15
	30	do	Salary	164.80
		Total fourth quarter		4,345.50
		Supplemental.		
July	2 5	Chas. D. Woods. W. O. Atwater et al W. O. Atwater do. H. S. Grindley L. R. Hazen M. E. Jaffa Noxon & Whitney Co Stanley & Patterson (Incorporated) Harry Snyder C. E. Wait	Salary Pay roll Traveling expenses Expenses Reports Labels, etc Report Files, etc Lamps Report	82.40
	5	W. O. Atwater et al.	Pay roll	978. 82 12. 60 129. 35
	11 14	W. O. Atwater	Traveling expenses	12.60
	19	H. S. Grindley	Reports	500.00
		L. R. Hazen	Labels, etc	10.28
		Novon & Whitney Co	Report.	500.00
	-	Stanley & Patterson (Incorporated)	Lamps	7.03 26.87
		Harry Snyder	Reportdo	250.00
		O. 13. Walt	0D	250.00

#### NUTRITION INVESTIGATIONS-Continued.

Date.	Name.	Nature of payment.	Total.
1904. July 23 Aug. 18	Supplemental—Continued.  Pennsylvania R R. Co. Southern Rwy. Co. do. Geo. D. Feidt Pelton & King.  Total.	dodo. Blast apparatus Paper	\$6.50 7.40 20.20 20.00 21.00 2,822.45

#### RECAPITULATION.

Total first quarter Total second quarter	\$3,452.41
Total third quarter Total fourth quarter Total supplemental	4,891.27
Total supplemental .	2,822.45
Total	

### IRRIGATION INVESTIGATIONS.

	<u> </u>		
Date.	Name.	Nature of payment.	Total.
1903.			
July 20	Hamburg American Line	Passenger transportation	\$111.50
21	A. F. Johnston		20.95
22	C. T. Johnston	do	25, 65
23	R. T. Ely		20.90
24	David Lindsay		104.00
28	The Lupkin Rule Co.		20.63
31	E. Mead et al		1,048.65
Aug. 3	C. T. Johnston et al	Pav roll	1, 188, 90
	C. G. Elliott	Salary	151.60
	Fred. Roediger	do	50.00
	A. R. Whitson		100.00
10	R. T. Ely.	Traveling expenses	64. 10
	do	Salary	40.00
	W. C. Sturdevant		52.00
	W. B. Gregory	do	130.00
	L. G. C. Mayer	do	84.20
14	C. E. Tait.		58.05
	A. P. Stover et al		262. 20
17	S. H. Seckner	Photographs	3.00
19	Wm. C. Sturdevant		15. 15
	Albert E. Wright	do	48.69
	W. B. Dunton	do	22.80
	O. V. P. Stout	do	52.70 18.00
	The Geo. Tritch Hardware Co		12.00
	do	Waders	16, 31
	J. E. Stinison	Picture frames	6.60
	W. & L. E. Gurley	Wrenches, etc	22. 72
	Library Bureau M. A. Seed Dry Plate Co.	Chemicals.	10, 42
	Frank Adams	Traveling expenses	39, 53
	J. G. Haney	Salary	80.00
22	Clarence T. Johnston	Expenses	33, 53
	do	Traveling expenses	42.55
	Remington Typewriter Co.	Type, etc	13.10
26	Alfred J. Turner	Traveling expenses	75.75
	Thos. May	Waders	24.00
27	C. G. Elliott.	. Traveling expenses	63.10
28	Morton A. Aldrich	Salary	130.00
31	Elwood Mead et al.		1, 159. 35
Sept. 1	W. B. Gregory	. Traveling expenses	23.72
3	Samuel Fortier	do	25. 81
	R. T. Ely	do	104.40
	C. G. Elliott	. Salary	151.60
9	A. P. Stover et al	Pay roll	262. 20
	C. T. Johnston et al.	do	1,310.20
	A. R. Whitson	Salary	100.00
11	The A. Lutz Co	Soil thermometers	39.60 7.50
10	W. & L. E. Gurley	. Commutator box	240.00
16	R. T. Ely		130.00
	M. A. Aldrich W. B. Gregory	dodo	130.00
	W. B. Gregory	do	52.00
			02.00

3.00 923.00

## Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

#### IRRIGATION INVESTIGATIONS-Continued. Nature of payment. Date. C. E. Tait Traveling expenses J. E. Roadhouse do C. T. Johnston do do Expenses L. G. C. Mayer Traveling expenses J. S. Baker do A. E. Wright do O. V. P. Stout do W. C. Sturdevant do Samuel Fortier do W. B. Gregory do Frank Fowler do L. G. C. Mayer do New York Central and Hudson River R. R. Passenger transportation 1903 \$107.60 107.90 57.65 Sept. 16 34.61 38, 45 16.01 37.7017.4019 22 J. E. Roadhouse Traveling expenses A. J. Turner do J. G. Haney Salary A. B. Crane do A. P. Stover Traveling expenses W. & L. E. Gurley Time recorder E. B. Voorhees Salary Morton A. Aldrich Traveling expenses Wm. Francis Bartlett do C. G. Elliott do Frank Adams do Elwood Mead Salaries 130.00 160,00 24 77.156,40 105.00 51.25 16, 20 58, 35 81.40 30 Total first quarter C. G: Elliott. Salary. do Alfred J. Turner do Clarence T. Johnston et al Pay roll. Traveling expenses Elwood Mead Traveling expenses Delwood Mead Delwood Total first quarter.... 10,494.72 Oct. 6 146, 80 100.00 a 97.80 1,235.72 12 21, 25 19, 25 81 79 10 30, 25 6.45 167.81 198, 58 210, 05 62.60 22,40 105,00 140.0050.003.70 137.50 62.00180.00 23 60,00 10.45 6.50 53,65 22.6030.80 59.30 22.00 1,094.77 Nov. 58.00 5.00 19 25 36, 45 55.90 62, 40 100.00 60.87 95.85

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. IRRIGATION INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Nov. 13	E. Morrison Paper Co	Manila paper	\$2.00
	E. MOTISON Paper Co Elwood MeaddoC. G. Elliott. A. J. Turner C. G. Elliott. Burton P. Fleming Samuel Fortier	Manila paper Traveling expenses	30.12 15.65 79.08
16	C. G. Elliott	do	79.08
	A. J. Turner	Salary	-101 10
	C. G. Elliott	do	151.60 51.75 46.20
	Samuel Fortier	Traveling expensesdo	46. 20
18	samuei Forner do A. E. Wright W. B. Gregory C. E. Tait C. G. Elliott Alberto Alfani Frank Adams 1 G. Hener	do	61.05
19	A. E. Wright	do	79.75 32.58
	C. E. Tait	Expenses	22, 30
23	C. G. Elliott	Salary	24.46
24	Alberto Alfani	Traveling expenses	8.80 63.30
30	Lank Adams J. G. Haney Elwood Mead et al. Clarence E. Tait et al. A. R. Whitson Arthur P. Stover	Salary. Salaries. Pay roll. Traveling expenses.	135, 00
	Elwood Mead et al	Salaries	135.00 1,235.19
Dec. 2	Clarence E. Tait et al	Pay roll	
4	Arthur P. Stover	do	67.59
	A. J. Turner	do	39.30
. 5	A. J. Turnerdo. C. E. Tait.	doSalaryTraveling expenses	122, 20
3	do.	do.	933. 67 23. 40 67. 59 39. 30 122. 20 73. 90 18. 60
9	do A. R. Whitson Miriam C. Vance Elwood Mead	Salary	
10 11	Miriam C. Vance	Traveling expenses	19.60 46.85
12	Elwood Mead Alfred J. Turner Walter B. Dunton Samuel Fortier C. E. Tait Pullman Automatic Ventilator Co. Southern California Rwy. Co. Burlington and Missouri River R. R. in Ne- braska.	do	4.20
	Walter B. Dunton	do	4. 20 44. 25 11. 15
14	Samuel Fortier	Expanses	11. 15 13. 15
16	Pullman Automatic Ventilator Co.	Ventilator	5.00
18	Southern California Rwy. Co	Passenger transportation	3.15
	Burlington and Missouri River R. R. in Ne-	do	12.45
	braska. Chicago and Northwestern R.wy. Co	do	47.72
	Chicago and Alton Rwy. Co	do	47.72 3.68
	Northern Pacific Rwy. Co	do	31.00 20.20
	The Colorado and Southern Rwy, Co	do	11.90
	The Minneapolis and St. Louis R. R. Co	do	11.90 ·3.77
19	C. G. Elliott	Traveling expenses	38.38 114.15
28 31	braska. Chicago and Northwestern Rwy. Co. Chicago and Alton Rwy. Co. Northern Pacific Rwy. Co Oregon Short Line R. R. Co. The Colorado and Southern Rwy. Co. The Minneapolis and St. Louis R. R. Co. C. G. Elliott. Union Pacific R. R. Co. Elwood Mead et al.	Salaries	1, 392. 35
			10 170 05
	Total second quarter		12,179.35
1904.			
Jan 5	Frank Adams	Traveling expenses	95.00 802.80
	Alfred J. Turner	Salary	126, 40
	A. B. Crain	do	126. 40 90. 00
6	A. E. Wright	Traveling expenses	69.50 100.00
14	C. E. Tait	Expenses	14. 75
	Hiram Sapp	Rent	180.00
19	W. B. Gregory	Traveling expenses	20.35
20 25	Union Pacific R. R. Co	Passenger transportation	492.37 18.30
	Oregon Short Line R. R. Co	do	33.10
	The Atchison, Topeka and Santa Fe Rwy. Co.	do	8. 45 20. 00
	Doltimore and Obio D. D. Co.		
	Baltimore and Ohio R. R. Co	do	43.90
	Baltimore and Ohio R. R. Co	dodo	43. 90 43. 90
26	Baltimore and Ohio R. R. Co. Pennsylvania R. R. Co. do. Frank Adams.	do	43. 90 43. 90 68. 70 350. 00
28	Baltimore and Ohio R. R. Co. Pennsylvania R. R. Co. do. Frank Adams. E. B. Voorhees. Elwood Mead	dodo. Traveling expenses Salary. Traveling expenses	43. 90 43. 90 68. 70 350. 00 16. 70
	Baltimore and Ohio R. R. Co. Pennsylvania R. R. Co. do. Frank Adams E. B. Voorhees Elwood Mead Samuel Fortier	do Traveling expenses Salary Traveling expenses do	43. 90 43. 90 68. 70 350. 00 16. 70 69. 60
28 29	Frank Adams Clarence E. Tait Alfred J. Turner A. B. Crain A. E. Wright A. R. Whitson C. E. Tait Hiram Sapp W. B. Gregory J. S. Baker Union Pacific R. R. Co. Oregon Short Line R. R. Co The Atchison, Topeka and Santa Fe Rwy. Co. Baltimore and Ohio R. R. Co. —do. —Frank Adams E. B. Voorhees Elwood Mead Samuel Fortier E. R. Morgan. Elwood Mead det al	do do Traveling expenses Salary Traveling expenses do do Salarios	43. 90 43. 90 68. 70 350. 00 16. 70 69. 60 84. 10
28	Baltimore and Ohio R. R. Co. Pennsylvania R. R. Codo Frank Adams E. B. Voorhees Elwood Mead Samuel Fortier E. R. Morgan Elwood Mead et al. Clarence E. Tait et al	do do Traveling expenses Salary. Traveling expenses do do Salaries Pay roll.	43. 90 43. 90 68. 70 350. 00 16. 70 69. 60 84. 10 1, 306. 00 828. 00
28 29 31	Baltimore and Ohio R. R. Co. Pennsylvania R. R. Codo. Frank Adams E. B. Voorhees Elwood Mead Samuel Fortier E. R. Morgan Elwood Mead et al. Clarence E. Tait et al. A. J. Turner.	do do Traveling expenses Salary Traveling expenses do do Salaries Pay roll Salary	43. 90 43. 90 68. 70 350. 00 16. 70 69. 60 84. 10 1, 306. 00 828. 00 127. 70
28 29 Feb. 31	Baltimore and Ohio R. R. Co. Pennsylvania R. R. Codo. Frank Adams. E. B. Voorhees. Elwood Mead Samuel Fortier E. R. Morgan Elwood Mead et al. Clarence E. Tait et al. A. J. Turner. Arthur P. Stover	do Traveling expenses Salary Traveling expenses do Salaries Pay roll Salary Traveling expenses	43. 90 43. 90 68. 70 350. 00 16. 70 69. 60 84. 10 1, 306. 00 828. 00 127. 70 48. 80
28 29 31	Baltimore and Ohio R. R. Co. Pennsylvania R. R. Co. do. Frank Adams E. B. Voorhees Elwood Mead Samuel Fortier E. R. Morgan Elwood Mead et al. Clarence E. Tait et al A. J. Turner. Arthur P. Stover J. S. Baker Richard T. Ely	do do Traveling expenses Salary Traveling expenses do Salaries Pay roll Salary Traveling expenses	43, 90 43, 90 68, 70 350, 00 16, 70 69, 60 84, 10 1, 306, 00 828, 00 127, 70 48, 80 102, 20 260, 00
28 29 Feb. 31	Baltimore and Ohio R. R. Co. Pennsylvania R. R. Co. do. Frank Adams E. B. Voorhees Elwood Mead Samuel Fortier E. R. Morgan Elwood Mead et al Clarence E. Tait et al A. J. Turner Arthur P. Stover J. S. Baker Richard T. Ely	do do Traveling expenses Salary Traveling expenses do do salaries Pay roll Salary Traveling expenses Od do	43. 90 43. 90 68. 70 69. 60 84. 10 1, 306. 00 227. 70 48. 80 102. 20 260. 00
28 29 Feb. 31	Baltimore and Ohio R. R. Co. Pennsylvania R. R. Co. do. Frank Adams E. B. Voorhees Elwood Mead Samuel Fortier E. R. Morgan Elwood Mead et al. Clarence E. Tait et al. A. J. Turner. Arthur P. Stover J. S. Baker. Richard T. Ely Walter W. McLaughlin Frank Adams E. R. Morgan do.	do do do Traveling expenses Salary Traveling expenses do do Salaries Pay roll Salary Traveling expenses Salary do do Traveling expenses Salary	43, 90 43, 90 43, 90 68, 77 350, 00 16, 70 69, 66 84, 10 1, 306, 00 127, 77 48, 86 102, 26 260, 00 52, 75 2, 56 54, 20

## Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. IRRIGATION INVESTIGATIONS—Continued.

1904.   Feb. 6   Gordon H. True   Salary   Traveling expenses   A. J. Turner   Traveling expenses   Salary   C. E. Tait   Traveling expenses   Samuel Fortier   do   Lettering angles   Lettering angles   Thenrietta Bond   Salary   Salary   Salary   Traveling expenses   Salary   Salary   Salary   Traveling expenses   Salary   Salary   Salary   Salary   Traveling expenses   Salary   Salary   Salary   Salary   Salary   Salary   Traveling expenses   Salary   Sala	\$45.00 6.10 100.00 14.30 20.25
1904.   Feb. 6   Gordon H. True.   Salary   Traveling expenses   A. J. Turner   Traveling expenses   Salary   Traveling expenses   Salary   Traveling expenses   Samuel Fortier   Go   Eugene Dietzgen Co   Lettering angles   Salary   Sal	6. 10 100, 00 14. 30 20, 25
Salary	6. 10 100, 00 14, 30 20, 25
A. R. Whitson Salary  12 C. E. Tait Traveling expenses Samuel Fortier do Eugene Dietzgen Co Lettering angles Theorietta Bond Salary  Salary	14. 30 20. 25
12 C. E. Tait. Traveling expenses Samuel Fortierdodo Eugene Dietzgen Co Lettering angles Lettering angles	14. 30 20. 25
Samuel Fortierdo Eugene Dietzgen Co Lettering angles Lettering angles	20.25
17 Henrietta Bond Salary	
	1.80 45.00
18 Union Pacific R. R. Co. Passenger transportation.	20, 60
Pennsylvania Company do	17.50
Southern Rwy. Co. do. The Chesapeake and Ohio Rwy. Codo. Chicago and Northwestern Rwy. Co. do. Illinois Central R. R. Codo. 24 Pauline Cotth. Translating.	23.00 27.40
Chicago and Manthematical Days Co.	9, 85
Illinois Central R. R. Cododo	4.60 95.00
24 Pauline Coith Translating	95.00
27 Western Union Telegraph Co Telegraph service	7. 97 8. 24
29 Elwood Mead et al. Salaries.	1, 225, 50
Cincago and Northwestern Rwy. Co	95.60
Afred J. Turner do Eymenses	119.60 18.45
Delano & Moore. Iconoscope, etc.  27 Western Union Telegraph Co. Telegraph service.  29 Elwood Mead et al. Salaries  Mar. 2 Walter W. McLaughlin Salary.  Alfred J. Turnerdo.  C. E. Tait. Expenses  Clarence E. Tait et al. Pay roll  3 Elwood Mead. Traveling expenses	715, 54
	95.66
A P Whitson	95, 60 100, 00
10   E R. Morgan   Salary   A. R. Whitson   do   C E. Tait   Expenses   A. P. Stover   Traveling expenses	40, 46
12   C. E. Tait.	36.40
O. V. P. Stout.	11.85
C. G. Elliott	6.65 119.87
J. S. Baker Salary	95, 60
16 Delano & Moore Photo supplies	10.76 29.50
17 Chicago, Rock Island and Pacific Rwy. Co Passenger transportation 21 Library Bureau	3.00
23 W. B. Dunton	7.90
26 A. H. Baldwin Drawings	30.00
28 The Chesapeake and Ohio Rwy. Co Passenger transportation	26.80 4.76
29 Pennsylvania R. R. Co do	10.00
St. Louis Southwestern Rwy. Co	4.02
Union Pacific R. R. Co	8.60
Rwy.	12.30
Elwood Mead et al	1,306.00
Total third quarter	10, 260. 95
Apr. 4 Henrietta Bond. Salary	20, 00
Apr. 4 Henrietta Bond. Salary.	20.00 125.00
C. E. Tait Pay roll Pay roll	841.65
A. R. Whitson Salary Salary	100.00
W. W. McLäugnim	102. 20 127. 70
Apr. 4         Henrietta Bond G. N. Knapp.         do           C. E. Tait.         Pay roll           A. R. Whitson         Salary           W. W. McLaughlin         do           A. J. Turner         do           J. S. Baker         do           9 Hiram Sapp         Rent           11 The American Steel and Wire Co         Wire rope           Frank Adams         Traveling expenses           12 Gustav E. Stechert         Book           H. A. Shepard & Co         Albums           Elwood Mead         Traveling expenses           18 Fred. A. Schmidt         Level and tape           19 W. & L. E. Gurley         Brass tube           Julien P. Friez         Evaporation register           E. R. Morgan         Traveling expenses           C. E. Tait         Expenses           Passenger transportation	102. 20 180. 00
9 Hiram Sapp Rent	180.00
11 The American Steel and Wire Co	9.42 29.30
12 Gustav E. Stechert. Book.	1.65
H. A. Shepard & Co Albums	1.65 7.50
14 W. B. Moses & Sons Sections Traveling expenses	6.00
18 Fred. A. Schmidt Level and tape	180.82 8.80
19 W. & L. E. Gurley Brass tube	12.00
Julien P. Friez Evaporation register Evaporation register	235. 00 142. 70
C. E. Tait Traveling expenses	35. 45
19 W. & L. E. Gurley. Brass tube Julien P. Friez. Evaporation register E. R. Morgan Traveling expenses C. E. Tait Expenses The Atchison, Topeka and Santa Fe Rwy. Co Cleveland, Cincinnati, Chicago and St. Louis	17.00
Cleverand, Chichinati, Chicago and St. Louis	20.00
	17.00
21 C. E. Tait. Traveling expenses Salary. Salary.	168.13
Pennsylvania R. R. Co.   do	100.00
27 A. J. Turner Traveling expenses Traveling expenses	61.85 67.70
W. B. Gregory	16.50
Samuel Fortier do W. B. Gregory do Chicago and Northwestern Rwy. Co Passenger transportation Illinois Central R. R. Co do Morgan's Louisiana and Texas R. R. and	22.14
Illinois Central R. R. Co	27, 40
Morgan's Louisiana and Texas R. R. anddo	5.00
Remington Typewriter Co	13.25
30   Elwood Mead et al Salaries	1,100.95

## IRRIGATION INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.		,	
May 4	Keuffel & Esser Co. Gatchel & Manning. The Publishers and Printers' Engraving Co. do. Remington Typewriter Co. William P. Fletcher. Alfred J. Turner. Frank Adams. A. R. Whitson. C. G. Elliott. Walter W. McLaughlin. G. N. Knapp. J. S. Baker. O. V. P. Stout et al. W. B. Gregory. Western Union Telegraph Co. Capital Traction Co. U. S. Express Co. The Maurice Joyce Engraving Co. Adams Express Co. Yawman & Erbe Manufacturing Co.	Rod	\$13.50 8.50
	The Publishers and Printers' Engraving Co	do	29.33
6	Remington Typewriter Co.	Typewriter	21, 02 92, 25
7	William P. Fletcher	Salary	260.00
	Frank Adams	do	123, 60 107, 10 100, 00
	A. R. Whitson. C. G. Elliott	do.	100, 00 164, 80
	Walter W. McLaughlin	do	164.80 98.90 125.00
	J. S. Baker	do	98.90
9 11	O. V. P. Stout et al. W. B. Gregory	Pay roll	98, 90 529, 90 150, 00
13	Western Union Telegraph Co	Telegraph service	12.53 3.00 5.40 17.62
	U. S. Express Co.	Transportation	5.40
	The Maurice Joyce Engraving Co	Engraving	17.62
16	Yawman & Erbe Manufacturing Co	Copier	40.25
	Andrew B. Graham	Photo-lithographs, etc.	9.60 46.00
	Woodward & Lothrop	Matting, etc	46.00 18.26 8.45
	do	do	1.95
	Alfred J. Turner	Traveling expensesdo.	219.50 81.65
	Arthur P. Stover	do	19.45
	Frank Adams.	do	22.58 61.00
18	C.E. Tait Chicago and Northwestern R.wy. Co	Salary Passenger transportation	131.90 7.84
	W. B. Gregory	Salary.	10.00 6.50
	Walter W. McLaughlin.	Expenses	61.25
	Pauline Coith Chicago Great Western Rwy Co	Translating	100.00 54.25
19	Gordon H. True.	Salary	100,00
20 23	Capital Traction Co U. S. Express Co. The Maurice Joyce Engraving Co. Adams Express Co. Yawman & Erbe Manufacturing Co. Delano & Moore. Andrew B. Graham Woodward & Lothrop. Remington Typewriter Codo Elwood Mead Alfred J. Turner Arthur P. Stover H. Culbertson Frank Adams C. E. Tait. Chicago and Northwestern Rwy. Co. W. B. Gregorydo. Walter W. McLaugblin Pauline Coith Chicago, Great Western Rwy. Co. Gordon H. True. William F. Bartlett H. Culbertson C. E. Tait C. E. Tait C. E. Tait	Salary	39.75 80.00
	C. G. Elliott	Traveling expenses	30, 76 17, 80
24	C. G. Elliott. C. E. Tait. Aug. J. Bowie, jr. J. Manz Engraving Co. Julien P. Friez Lemck & Buechner. Swayze, Bailey & Co. Union Paciñe R. R. Co. St. Louis and San Francisco R. R. Co. Kansas City Southern Rwy. Co. O. L. Waller Elwood Mead et al.	Traveling expenses	115.60 47.00
	J. Manz Engraving Co Julien P. Friez	Anemometer	25.00 17.50
26	Lemck & Buechner	Periodicals	17. 50
20	Union Pacific R. R. Co.	Passenger transportation	. 75 52. 15
	St. Louis and San Francisco R. R. Co Kansas City Southern Rwy. Co	dodo	10. 10 11. 65
31	O. L. Waller	Services	560.00 1.059.00
June 1	Clarence E. Tait et al.	do	1,059.00 596.20 93.30
2	Albert E. Wright G. N. Knapp	Salary do	93. 30 125. 00
	Walter W. McLaughlin.	do	125.00 102.20 350.00
	John Jesse Vernon.	do	125,00 100.00
	A. R. Whitson William P. Fletcher	do.	250.00
	Gordon H. True	do	100.00
	William F. Bartlett	do	125.00 25.00
	E. B. Voornees C. E. Tait	do	400.00 220.10 69.23
	John T. Stewart	do	69. 23 395. 64
	Kansas City Southern Rwy. Co O. L. Waller Elwood Mead et al Clarence E. Tait et al Albert E. Wright G. N. Knapp Walter W. McLaughlin James Withycombe John Jesse Vernon A. R. Whitson William P. Fletcher Gordon H. True W. R. Thomas William F. Bartlett E. B. Voornees C. E. Tait John T. Stewart Arthur P. Stover et al C. G. Elliott C. L. Berger & Sons American Writing Machine Co Adams Express Co W. & L. E. Gurley Jared G. Smith Woodward & Lothrop Aug. J. Bowie, jr J. S. Baker Henrietta Bond C. E. Tait A. P. Stover.	Salary	170, 40
3	C. L. Berger & Sons. American Writing Machine Co.	MetersPaper	271.00 19.00
	Adams Express Co.	Transportation	10.75 96.90
	Jared G. Smith.	Salary	255. 50
6	Woodward & Lothrop	Matting Salary	45.75 100.00 102.20
11	J. S. Baker	do	102.20 10.00
	C. E. Tait	Expenses	42.53
	A. P. Stover	Traveling expenses	81.32

## Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. IRRIGATION INVESTIGATIONS—Continued.

Da	to	Name.	Nature of payment.	Total.
Da	te.	Name.	Nature of payment.	10181.
190		Alfred T Turner	Traveling aynonges	281 8
June	11	Alfred J. Turner. W. W. McLaughlin. H. Culbertson.	Traveling expensesdoSalaryTraveling expensesdodo	\$64.85 118.15
	14	H. Culbertson	Salary	180 00
		C. G. Elliott Frank Adams	Traveling expenses	75. 72 102. 30 87. 25 7. 00
		Frank Adams.	do	102.30
	15 16	Hank Adams H, Culbertson John T, Stewart do Samuel Fortier W. B. Moses & Sons Delano & Moore C. L. Berger & Sons	do Expenses Traveling expenses do	7.00
	10	do	Traveling expenses	41.57
		Samuel Fortier	do	41.57 74.20
	20	W. B. Moses & Sons	unit, etc. Plates, etc. Repairs to meter. Register.	6,00
		Delano & Moore	Plates, etc	25. 97
		C. L. Berger & Sons	Register	48.00 40.00
		C. L. Berger & Sons Julien P. Friez. Julius Lansburgh. The Publishers and Printers' Engraving Co. Fred. A. Schmidt. Remington Typewriter Co. Western Union Telegraph Co. Yawman & Erbe Manufacturing Co. Fred. C. White.	Couch	30.00
		The Publishers and Printers' Engraving Co	Couch Engraving	45, 89
		Fred. A. Schmidt	Level	4. 00 92. 23
		Remington Typewriter Co	Level Typewriter Telegraph service Desks, etc	92. 23
		Western Union Telegraph Co	Deske ate	5. 16 208. 07
		Fred. C. White	Demijohns	10.00
	21 22	Yawman & Free Mandiacturing Co. Fred. C. White. Walter D. McLaughlin W. W. McLaughlin Yawman & Erbe Manufacturing Co. Felt & Tarrant Manufacturing Co. Keuffel & Esser Co. Elwood Mead	Demijohns Expenses	139.00 162.96
	22	W. W. McLaughlin	do	162.96
	29	Yawman & Erbe Manufacturing Co	Roller Two comptometers Telemeter rod Traveling expenses	1.50
		Kenffel & Esser Co	Telemeter rod	300.00
	30	Elwood Mead	Traveling expenses.	13.50 61.03
	00	Elwood Mead et al	Salaries	911.35
		Total fourth quarter		16,071.37
		Supplemental.		
		Supplemental.		
uly	2	Morton A. Aldrich	Salary	805.00
	6	Clarence E. Tait et al.	Salaries	480.50
		Arthur P. Stover et al	Colony	429.60 320.00
		Albert Eugene Wright	do	100.00
		W. B. Gregory	do	225.00
		Gordon H. True	do	100.00
		A. R. Whitson	do	100.00
		W P Thomas	do	125.00 130.00
		Thomas C. Mead	.do	25.00
		Aug. J. Bowie, jr	do	100.00
		John T. Stewart	do	98.90 25.00
		William F. Bartlett	do	25.00 98.90
		William P Fletcher	do	260.00
		Walter W. McLaughlin	do	98.90
		D. W. May	do	98.90 247.23
		G. N. Knapp	do	54.17
	11	C G Fllight	do	164 8
	11	Supplemental.  Morton A. Aldrich Clarence E. Tait et al. Arthur P. Stover et al. Morton A. Aldrich Albert Eugene Wright W. B. Gregory Gordon H. True A. R. Whitson John Jesse Vernon W. R. Thomas Thomas C. Mead Aug. J. Bowie, jr John T. Stewart William F. Bartlett J. S. Baker William F. Bartlett J. S. Baker William P. Fletcher Walter W. McLaughlin D. W. May. G. N. Knapp H. Culbertson C. G. Elllott H. Culbertson D. P. Fleming Thos. C. Mead W. W. McLaughlin Jno. T. Stewart R. P. Teele C. E. Tait do A. J. Bowie, jr B. P. Fleming O. L. Walter E. F. Curt J. G. Smitth	Traveling expenses	100.00 164.80 100.23
		B. P. Fleming	do	11.30
		Thos. C. Mead	do	71. 2. 75. 5
		Ino T Stowert	do	75. 5- 70. 5-
		R. P. Teele	do	85 60
		C. E. Tait	Expenses	85.60 49.65
	14	do	do	3.2
		A. J. Bowie, jr.	Traveling expenses	151. 7: 98. 90
		O. I. Weller	Services	98.9 240.0
	9	E. F. Curt	do	82.4
		J. G. Smith.	do	82.46 247.23 120.4
	15	W. B. Gregory.	Traveling expenses	120.4
	18	Frank Adams.	do	97. 8: 78. 5
		O V P Stout	do	78.5 48.9
		A. P. Stover	do	131.8
		C. E. Tait	do	307.98
		Luther Foster	Report on irrigation	750.00
	10	W. B. Moses & Sons.	Chairs	11.20
	19	O. L. Waller E. F. Curt. J. G. Smith W. B. Gregory Frank Adams C. G. Elliott O. V. P. Stout A. P. Stover C. E. Tait Luther Foster W. B. Moses & Sons Samuel Fortier C. T. Johnston Louis Pignolet	Services for report	900.00
		Louis Pignolot	Ammotore	750.00 26.00
		Hiram Sapp	Rent of rooms	180.00
	20	Hiram Sapp. E. J. Wickson Remington Typewriter Co.	Services for report	300.0 11.2

## Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. IRRIGATION INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
	Supplemental—Continued.		-
1904			
July 20	F. A. Schmidt	Planimeter	\$31.00
	A. E. Wright	Traveling expenses	93.55
	Woodward & Lothrop	Desks	55.94
23	Pennsylvania R. R. Co	Passenger transportation	8, 53
30	The Chesapeake and Ohio Rwy, Co	do	19.55
	Cleveland, Cincinnati, Chicago and St. Louis	do	17.50
	Rwy. Co.	_	
	Illinois Central R. R. Co		12.11
	Union Pacific R. R. Co.	do	15.40
	Oregon Short Line R. R. Co.	do	5. 70
	Northern Pacific Rwy. Co.	do	8.70
A 1101 2	The Oregon R. R. and Navigation Co	Tiles a	12.05
Aug. 3	Delano & Moore	Films	8.00
18	The Bristol Co. J. S. J. Lallie.	Dogiston	67.20
25	R. P. Teele.		45.00 7.00
26	Western Union Telegraph Co	Expenses Telegraph service	2, 40
Sept. 6	W. F. Bartlett	Solory	49.45
19	The Wabash R. R. Co.	Passanger transportation	15.10
13	The Texas and Pacific Rwy. Co	do	6,60
	The Atchison, Topeka and Santa Fe Rwy. Co.	do	18, 15
	Chicago and Alton Rwy. Co	do	7.50
	Chicago and Northwestern Rwy. Co	do	6, 25
	Chicago, Rock Island and Pacific Rwy Co	do	10.70
	Oregon Short Line R. R. Co	do	15, 20
	Pennsylvania R. R. Co	do	45.65
	San Antonio and Aransas Pass Rwy. Co	do	3.10
	The Missouri Pacific Rwy. Co	do	7.50
	Union Pacific R. R. Co	do	14.02
0.5	do	do	1.50
20	Adams Express Co	Transportation	16.45
	The Geo. W. Knox Express Co	do	2.40
	Delano & Moore	Photo supplies	115.03
	Henion & Hubbell		32.72
0.4	C. P. & J. Lanson	Hose	38.40
24	W. & L. E. Gurley	Transit, etc	417.20 4.26
	Western Union Telegraph Co	Telegraph service	17, 50
	Chicago, Indianapolis and Louisville Rwy.	Passenger transportation	17.00
			10.044.01
	Total	••••••	10,344.06

Total first quarter	\$10,494,72
Total second quarter	12, 179. 35
Total second quarter Total third quarter	10, 260. 95
Total fourth quarter	16.071.37
Total supplemental	10,344.06

### PAID BY UNITED STATES TREASURY.

Date.	Name.	Nature of payment.	Total.
1903. Oct. 26 Dec. 19	The Public Printer	Printing bulletins Passenger transportation	\$1,848.39 40.00
Jan. 15	The Public Printer	Passenger transportation	230, 14 5, 40 65, 00
Apr. 14	do	do	5.90 5.90
June 20	do The Public Printer Union Pacific R. R. Co	Printing bulletins Passenger transportation	7.25 368.29 21.30
Sept. 8	The Public Printer	Passenger transportationdo.	180, 00 50. 00 10. 75
	Southern Pacific Co	do	2,871.32
	T O 00011		2,011102

## Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. PUBLIC ROAD INQUIRIES.

Da	ite.	Name.	Nature of payment.	Total.
19	03.			
July	20	M. O. Eldridge. Martin Dodge L. W. Page et al. B. P. Murray W. L. Spoon. J. H. Dodge. C. T. Harrison. E. W. Sheets. J. H. Eldridge. L. W. Page. J. F. Brown. do. R. W. Richardson. do. Bloomfield Lonstreet J. B. Killebrew	Traveling expenses	\$14.95 60.43
	25 31	Martin Dodge	Solaries	501.21
Aug		B. P. Murray	Lantern slides	591.21 7.05 100.00
Ü	5	W. L. Spoon	Salary	100.00
		J. H. Dodge	do	100,00 100,00
		E. W. Sheets	do	78.00
		J. H. Eldridge	do	75.00
	6 10	L. W. Page	Traveling expenses	15.40
	10	do	Traveling expenses	192.00 11.50
		R. W. Richardson	do	19.03
		Pleamfield Longtreet	Salary	216.00 63.00
		J. B. Killebrew	do	50.00
	14	D. G. Haire	do	104.00
	15	J. H. Dodge	Traveling expenses	40.72
	15 17	I Ross Collins	Rurlan hags	82.50 5.50
	19	A. P. Andrew	Salary	78.00
		J. B. Killebrew	Traveling expenses	25.00
	22	W. F. Tomlingon	Pencils.	1,35
	31	L. W. Page et al.	Salaries.	1.35 16.75 645.00
~		Bloomfield Lonstreet J. B. Killebrew D. G. Haire J. H. Dodge Underwood Typewriter Co J. Ross Collins A. P. Andrew J. B. Killebrew Fred. A. Schmidt W. F. Tomlinson L. W. Page et al. Martin Dodge et al. W. L. Spoon E. W. Sheets C. T. Harrison J. H. Dodge A. P. Andrew J. H. Eldridge J. B. Killebrew M. O. Eldridge D. G. Haire J. F. Brown	do	675.00 100.00
Sept	t. 3	W. L. Spoon	Salary	100.00
		C. T. Harrison	do	78.00 100.00
,		J. H. Dodge	do	100.00
		A. P. Andrew	do	78.00
		J. H. Eldridge	do	75.00 50.00
		M. O. Eldridge	do	50.00 149.92 104.00
	9	D. G. Haire	do	104.00
		J. F. Brown	Continu	200.00
	10	R. W. Richardson	Salary	$\frac{3.25}{208.00}$
		J. W. Abbott	do	208.00
		Barber & Ross	Brackets	$1.70 \\ 24.00$
	12	Martin Dodge	Traveling expenses	254.40
	16	R. W. Richardson	do	92.70 80.25
		J. W. Abbott.	do	80.25
	21	Densmore Typewriter Co	Typewriter	39.01 78.50
	21 28 30	Chas. T. Harrison.	Traveling expenses	78.50 149.73 659.20
	30	Martin Dodge et al	Salaries	659.20
		D. G. Haire J. F. Brown Yawman & Erbe Manufacturing Co. R. W. Richardson J. W. Abbott.  Barber & Ross Delano & Moore Martin Dodge R. W. Richardson J. W. Abbott. J. H. Dodge Densmore Typewriter Co. Chas. T. Harrison Martin Dodge et al L. W. Page et al	do	625.00
		Total first quarter  J. H. Eldridge E. W. Sheets Chas. T. Harrison W. L. Spoon D. G. Haire H. P. Andrew H. P. Andrew Rudolph, West & Co. James B. Lambie Southern Printers Supply Co. E. J. Pullman M. Silverberg & Co U. S. Envelope Co James W. Abbott Jay F. Brown J. H. Dodge R. W. Richardson Jay F. Brown James W. Abbott Jay F. Brown James W. Abbott J. H. Dodge Joseph B. Kelleher Union Envelope Co Wm. J. Glasgow The Chesapeake and Potomac Telephone Co The Geo. W. Knox Express Co. Pennsylvania R. R. Co New York, New Haven and Hartford R. R. Co. Martin Dodge et al.	•••••	6,826.45
Oct.	. 2	J. H. Eldridge	Salary	75.00 75.00
	5	Chas, T. Harrison	do	100.00
	6	W. L. Spoon	do	100.00
	10	D. G. Haire	do	100.00 78.00
	10	Rudolph, West & Co	Hardware	78.00 .38
		James B. Lambie	do	1.40
	12	Southern Printers Supply Co	Electro	. 45 18. 94 10. 60
	14	M. Silverberg & Co.	Photo supplies	18.94
	1.7	U. S. Envelope Co	Envelopes	10.00
	19	James W. Abbott	Traveling expenses	116.45
		Jay F. Brown	do	16.20 32.04
		R. W. Richardson	Salary	32. 04 200. 00
		Jay F. Brown	do	192.00
		James W. Abbott	do	200.00
	23	J. H. Dodge	do	100.00
	20	Union Envelope Co.	Envelopes	50.00 13.90
		Wm. J. Glasgow.	Negatives	26.50
	28	The Chesapeake and Potomac Telephone Co.	Telephone service	6.25
	31	Pennsylvania R R Co	Transportation	1.57 18.00
	3.	New York, New Haven and Hartford R. R.	do	4.60
		Co.	9-1	P00 F1
		Martin Dodge et al. L. W. Page et al.	Salaries	733.56 893.26
			dv	090.20

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. PUBLIC ROAD INQUIRIES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.	Joseph Buckner Killebrew Jay F. Brown J. H. Eldridge J. H. Brigham R. W. Richardson J. H. Dodge E. W. Sheets D. G. Haire W. L. Spoon Chas. T. Harrison A. P. Andrew James W. Abbott M. O. Eldridge Joseph Buckner Killebrew James W. Abbott R. W. Richardson J. H. Dodge Yawman & Erbe Manufacturing Co M. O. Eldridge Library Bureau Martin Dodge J. H. Eldridge Martin Forder Martin Dodge J. H. Eldridge Martin Dodge J. H. Eldridge Martin Forder Martin Forde		
Nov. 4	Joseph Buckner Killebrew	Salary	\$50.0 176.0
5	Jay F. Brown	do	176.0 75.0
9	I H Brigham	Traveling evnences	
5	B. W. Bichardson	Salary	19. 4 216. 0
	J. H. Dodge	do	100.0
	E. W. Sheets	do	81.0
	D. G. Haire	do	84.0
	W. L. Spoon	do	100.0
	Chas. T. Harrison	00	100.0
10	Iamos W Abbott	dodo	81.0 216.0
11	M. O. Eldridge	Traveling expenses	273.0
12	Joseph Buckner Killebrew	do	66.7
16	James W. Abbott	do	123.0
	R. W. Richardson	do	34.8
17	J. H. Dodge	do	46.8
23	Yawman & Erbe Manufacturing Co	Section	13.0 14.3
	M. O. Eldridge	Cuides	14.0
30	Mortin Dodge	Traveling avnenges	1.0
90	J H Eldridge	Salary	22. 7 75. (
	Martin Dodge et al.	Salaries	1, 569. (
Dec. 1	M. O. Eldridge Library Bureau Martin Dodge J. H. Eldridge Martin Dodge et al. The Geo. W. Knox Express Co. J. B. Killebrew D. G. Haire W. L. Spoon Jay F. Brown R. W. Richardson A. P. Andrew James W. Abbott J. H. Dodge Chas. T. Harrison R. W. Richardson A. N. Johnson E. W. Richardson	Transportation	2. (
4	J. B. Killebrew	Salary	50.0
	D. G. Haire	do	36.0
	W. L. Spoon	do	100.0
5	D W Bishardson	Traveling avnonces	160.0
9	A P Andrew	Salary	44.6 69.0
0	James W. Abbott	do	192.0
14	J. H. Dodge	do	100.0
	Chas. T. Harrison	do	100.0
	R. W. Richardson	do	192.0
	A. N. Johnson	Testing machine	46.0
- 0	E. W. Sheets	Salary Traveling expenses	75.0 27.4
16	Cargillas Photo Stock House	Nogetives etc	11. 8
17 18	A. N. Johnson. E. W. Sheets. J. H. Eldridge. Cargilles Photo Stock House. New York Central and Hudson River R. R.	Negatives, etc. Passenger transportation	21.8
10	Co.	assenger transportation	21.0
19	M. O. Eldridge	Traveling expenses	50.0
	James W. Abbott	do	`81.2
22	J. H. Dodge	do	48.0 67.8
28	D. G. Haire	Traveling expenses	67.8
04	James B. Lambie Co	Pulley	1 662
31	Co. M. O. Eldridge James W. Abbott. J. H. Dodge. D. G. Haire. James B. Lambie Co. Martin Dodge et al.	Salaties	1,663.
	Total second quarter		9,851.8
		1	-,
1904.			
an. 5	Joseph B. Killebrew	Salary	50.0
	E. W. Sheets	do	78.
	J. H. Dodge	do	100.
	W. I. Spoon	do	100. 100.
	Jay F Brown	do	120.
	Joseph B. Killebrew E. W. Sheets J. H. Dodge Chas. T. Harrison W. L. Spoon Jay F. Brown James W. Abbott R. W. Richardson do do James W. Abbott A. N. Johnson	do	208.
12	R. W. Richardson	Traveling expenses	52.
	do do do James W. Abbott A. N. Johnson Columbia National Sand Dredging Co. E. J. Pullman Baltimore and Ohio R. R. Co do do Pennsylvania R. R. Co.	Salary	208.
	do	do	16.
14	James W. Abbott	Traveling expenses	73. 22.
**	A. N. Johnson	Sand	1
18	F I Pullmon	Prints etc	1. 31.
	Raltimore and Ohio R. R. Co	Passenger transportation	11.
25	do	do	26.
25		30	0 1
25	Pennsylvania R. R. Co		9.
25 26	Pennsylvania R. R. Co W. S. Moore's Sons	Iron castings	1.
26	Pennsylvania R. R. Co W. S. Moore's Sons Doremus Machine Co.	Iron castings Repairs to ball mill	26. 9. 1. 15.
26 28	Pennsylvania R. R. Co W. S. Moore's Sons. Doremus Machine Co. Joseph Buckner Killebrew	Iron castings Repairs to ball mill Traveling expenses	15.
26 28 31	Pennsylvania R. R. Co W. S. Moore's Sons. Doremus Machine Co. Joseph Buckner Killebrew Martin Dodge et al	Iron castings Repairs to ball mill Traveling expenses Salaries	15.4 15.4 1.594.4
26 28 31	Pennsylvania R. R. Co W. S. Moore's Sons. Doremus Machine Co. Joseph Buckner Killebrew Martin Dodge et al. Chas. T. Harrison.	Iron castings Repairs to ball mill Traveling expenses Salaries Salary	15. 15. 1.594.
26 28 31	Pennsylvania R. R. Co W. S. Moore's Sons. Doremus Machine Co. Joseph Buckner Killebrew Martin Dodge et al Chas. T. Harrison W. L. Spoon. M. O. Eldridge	Iron castings Repairs to ball mill Traveling expenses Salaries Salary do Traveling expenses	15. 15. 1,594. 100. 100.
26 28 31	Pennsylvania R. R. Co W. S. Moore's Sons. Doremus Machine Co. Joseph Buckner Killebrew Martin Dodge et al Chas. T. Harrison W. L. Spoon M. O. Eldridge J. F. Brown	Iron castings Repairs to ball mill Traveling expenses Salaries Salary do Traveling expenses	15. 15. 1,594. 100. 100. 49.
26 28 31 7eb. 2	Pennsylvania R. R. Co W. S. Moore's Sons Doremus Machine Co. Joseph Buckner Killebrew Martin Dodge et al Chas. T. Harrison W. L. Spoon M. O. Eldridge J. F. Brown Martin Dodge	Iron castings Repairs to ball mill Traveling expenses Salaries Salary do Traveling expenses Salary Traveling expenses	15. 15. 1,594. 100. 100. 49.
26 28 31	W. S. Moore's Sons. Doremus Machine Co. Joseph Buckner Killebrew Martin Dodge et al. Chas. T. Harrison W. L. Spoon M. O. Eldridge J. F. Brown Martin Dodge J. H. Dodge	Iron castings. Repairs to ball mill Traveling expenses Salaries Salarydo Traveling expenses. Salary Traveling expenses. Salary	15. 15. 1,594. 100. 100. 49. 128. 53.
26 28 31 Feb. 2	do. Pennsylvania R. R. Co W. S. Moore's Sons. Doremus Machine Co. Joseph Buckner Killebrew Martin Dodge et al. Chas. T. Harrison W. L. Spoon M. O. Eldridge J. F. Brown. Martin Dodge J. H. Dodge J. H. Dodge J. H. Dodge J. do The Chesapeake and Potomac Telephone Co.	Iron castings. Repairs to ball mill Traveling expenses Salaries Salarydo Traveling expenses. Salary Traveling expenses. Salary	15. 15. 1,594. 100. 100. 49.

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. PUBLIC ROAD INQUIRIES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
eb. 9	Barber & Ross	Bolts	\$0.
11	Barber & Ross. Joseph Buckner Killebrew.	Salary.  Blowpipe.  Traveling expenses.  Passenger transportation.	50.
12	R A lovel	Blowpipe	13.
13	Martin Dodge	Traveling expenses	39. 11.
17 18	Martin Dodge. Baltimore and Ohio R. R. Co. The Lake Shore and Michigan Southern Rwy.	dodo	11.
10	Co.		11.
	The Missouri Pacific Rwy. Co. Yawman & Erbe Manufacturing Co	do	8.
23	Yawman & Erbe Manufacturing Co	Suspension equipments	2.
	The Pullman Automatic Ventilator Co	Ventilators	15.
24	The Pullman Automatic Ventilator Co. The Fairbanks Co. United States Express Co.	Transportation	4.
24	E I Pullmon	Ventilators Machinery Transportation Developing	13.
	James B. Lambie Co. (Incorporated)	Blades and solder	1.
27	Postal-Telegraph Cable Co	Blades and solder	3.
	Western Union Telegraph Co	do	23.
29	Martin Dodge et al	Salaries	1, 501. 37.
ar. 2	J. A. Holmes	Traveling expenses	37. 56.
3	Joseph R Killehrew	Salary	50.
3	W. L. Spoon	do	100.
	M. Silverberg & Co	do Salary Salary	2.
	Jay F. Brown	Salary	128.
	Rudolph, West & Co:	Emery cloth Salary do Traveling expenses Prints Traveling expenses Envelopes	1.
4	J. H. Dodge	Salary	100.
10	J B Killehrew	Traveling expenses	100.
11	E. J. Pullman	Prints.	17.
12	Jav F. Brown	Traveling expenses	7. 17. 37.
21	United States Envelope Co	Envelopes	31.
22	George T. Ennis	Envelopes Castings Prints, etc	3.
24	E. J. Pullman	Prints, etc	24.
	E Morrison Paper Co	Envelopes Bristol board Pencil holders	13. 2.
28	John C. Parker	Pencil holders	۷.
20	Pennsylvania R. R. Co.	Passenger transportation	11.
31	Martin Dodge et al	Salaries	1,610.
	The Fairbanks Co United States Express Co E. J. Pullman. James B. Lambie Co. (Incorporated) Postal-Telegraph Cable Co. Western Union Telegraph Co. Martin Dodge et al. J. A. Holmes Martin Dodge. Joseph B. Killebrew W. L. Spoon. M. Silverberg & Co. Jay F. Brown. Rudolph, West & Co. J. H. Dodge. Chas. T. Harrison J. B. Killebrew E. J. Pullman. Jay F. Brown United States Envelope Co. George T. Ennis. E. J. Pullman. Union Envelope Co. E. Morrison Paper Co. John C. Parker. Pennsylvania R. R. Co. Martin Dodge et al. Total third quarter	(**	7,427.
	•	-	
or. 4	J. B. Killebrew W. L. Spoon	Salary	50.
`	W. L. Spoon	00 do	100. 100.
	Chas T Harrison	do	100.
	J. A. Holmes	do:	128.
6	M. O. Eldridge	Traveling expenses	56.
7	Jay F. Brown	Salary	40.
8	F. E. Blake	Services	21.
14	Adama Express Co	Transportation	2.
18	Postal Talegraph-Coble Co	Telegraph service	1.
19	W. L. Spoon J. H. Dodge Chas. T. Harrison J. A. Holmes M. O. Eldridge Jay F. Brown F. E. Blake National Mortar Co Adams Express Co. Postal Telegraph-Cable Co J. H. Dodge	Transportation Telegraph service. Traveling expenses Passenger transportation	62
20	Cleveland, Cincinnati, Chicago and St. Louis	Passenger transportation	22
	Rwy. New York, New Haven and Hartford R. R.		
	New York, New Haven and Hartford R. R.	do	4.
		do	12
	United States Envelope Co	Envelopes	12.
	Pennsylvania R. R. Co. United States Envelope Co. Jay F. Brown.	do Envelopes Traveling expenses	12. 22.
25	Delano & Moore	Scrapbooks Photos Telephone service. Salaries	4.
28	S. Graff Haverstick	Photos	1, 459.
90	The Chesapeake and Potomac Telephone Co.	Telephone service	6.
y 30 y 2	I R Villabrow	Salaries	1,459. 50.
3	do	Traveling expenses	40
11	J. H. Dodge	Salary.	40. 100.
	Chas. T. Harrison.	do	100.
10	W. L. Spoon	Salary Salary Traveling expenses Salary do Traveling expenses Traveling expenses Telegraph service Nail puller Zinc, etc Chair, etc. Chairs	100.
12 13	Western Union Tolograph Co	Telegraph carries	61.
10	Barber & Ross	Nail puller	
	James B. Lambie Co.	Zine, etc.	1.
16	W. B. Moses & Sons.	Chair, etc.	10.
	Woodward & Lothrop.	Chairs	7.
	Jay F. Brown Delano & Moore S. Graff Haverstick The Chesapeake and Potomac Telephone Co. Martin Dodge J. B. Killebrew do J. H. Dodge Chas. T. Harrison W. L. Spoon M. O. Eldridge Western Union Telegraph Co. Barber & Ross James B. Lambie Co W. B. Moses & Sons Woodward & Lothrop. Union Envelope Co. The Lake Shore and Michigan Southern Rwy.	Chairs Envelopes Passenger transportation	13.
18	The Lake Shore and Alchigan Southern Kwy.	Passenger transportation	13.
	Co. New York, New Haven and Hartford R. R.		5.
	TON TOTA, INCH TIAVER AND DAILTION R. R.	do	ə.
	Co.		

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

PUBLIC ROAD INQUIRIES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
VIav 24	Delano & Moore	Films.	\$4.8
26	New York Central and Hudson River R. R.	Changing telephone Passenger transportation	. 6 5. 8
	Co		
31	M. O. Eldridge Martin Dodge et al Chas. T. Harrison	Traveling expenses	65.1
une 1	Chas. T. Harrison	Salary	1,416.1 100.0
	J. B. Killebrew. Adams Express Co.	do	50.0
3	Adams Express Codo.	Transportationdo	2. 1 1. 5
	The Geo. W. Knox Express Co.	do	.7
	The Geo. W. Knox Express Co. Queen & Co. (Incorporated)	Thermometer	1.2
	J. H. Dodge Yawman & Erbe Manufacturing Co	Salary Sections, etc	100.0 46.7
	Swayze, Bailey & Co	Paper	2.0
4	L. W. Page	Traveling expenses	19.6
6 8	Western Union Telegraph Co	Telegraph service	15.2 76.6
Ü	E. C. E. Lord	Salary	85.2
10	Jay F. Brown	do	32.0
13 14	Jay F. Brown J. H. Dodge Chas. T. Harrison	Expenses Traveling expenses	18.4 186.0
16	J. H. Dodge	do	28.8
18 20	Goo F Muth & Co	Celluloid	87.2
20	Geo. F. Muth & Co. National Electric Supply Co.	Motor.	33.8
	Ben Einstein	Pulley	1.0
	Wm. Ramsay The Smith-Premier Typewriter Co	Clock. Typewriter.	8.0 87.7 28.7
	Woodward & Lothrop	Desk	28.7
	Western Union Telegraph Co. J. A. Holmes.	Telegraph service	3,1
22 23	M. O. Eldridge	Services	240.0
20	do	do	26.1
30	Martin Dodge et al	Salaries	1,434.2
	Total fourth quarter		7,064.3
	Supplemental.	.	
fuly 1	J. A. Holmes W. C. Burnett	Salarydo	95.0 `74.2
2	E. C. E. Lord.	do	82.4
5 7	Delano & Moore	Photo supplies	94.0
7	J. B. Killebrew	Services Traveling expenses	50.0 27.1
	J. H. Dodge A. P. Andrew do J. H. Eldridge	Salary	24.0
0	do	Traveling expenses	7.9
9	J. H. Eldridgedo.	Expenses Traveling expenses	1.5 37.7
18	Delano & Moore	Apex album	3.1
20	Z. D. Gilman Baltimore and Ohio R. R. Co	Cover glasses	. 8 12. 7
20	M. Silverberg & Co.	Passenger transportation Frame and mat	5.8
00	M. Silverberg & Co. Washington Post Co. Pennsylvania R. R. Co.	Advertisement	1.9
23 26	L. W. Page	Passenger transportation	6. 8 19. 8
30	Chicago and Alton Rwy, Co	Passenger transportation	2.9
	Cleveland, Cincinnati, Chicago and St. Louis	do	16.6
		1.	
	New York, New Haven and Hartford R. R.	do	2.8
A 110 1	Rwy. New York, New Haven and Hartford R. R. Co. E. W. Sheets		
2	E. W. Sheets. Chas. T. Harrison	Traveling expensesdo	39.3 121.
3	E. W. Sheets. Chas. T. Harrison. The Chesaneake and Potomac Telephone Co.	Traveling expensesdo	39.3 121.7 6.2
3 16	E. W. Sheets. Chas. T. Harrison. The Chesaneake and Potomac Telephone Co.	Traveling expensesdo	39.3 121.3 6.3 1.3
3	E. W. Sheets. Chas. T. Harrison. The Chesaneake and Potomac Telephone Co.	Traveling expensesdo	39.3 121.3 6.3 1.3
3 16 17	E. W. Sheets. Chas. T. Harrison	Traveling expensesdo	39.3 121.5 6.2 1.3
3 16 17	Co. E. W. Sheets. Chas. T. Harrison The Chesapeake and Potomac Telephone Co. Western Union Telegraph Co. The Chesapeake and Potomac Telephone Co. The Geo. W. Knox Express Co.  Total.	Traveling expensesdo  Telephone service Telegraph service. Changing location Transportation.	39. 121. 6. 1.
3 16 17	Co. E. W. Sheets. Chas. T. Harrison The Chesapeake and Potomac Telephone Co. Western Union Telegraph Co. The Chesapeake and Potomac Telephone Co. The Geo. W. Knox Express Co.	Traveling expensesdo  Telephone service Telegraph service. Changing location Transportation.	39.3 121.5 6.2 1.3
3 16 17 29	C. S. Sheets. Chas. T. Harrison The Chesapeake and Potomac Telephone Co. Western Union Telegraph Co. The Chesapeake and Potomac Telephone Co. The Geo. W. Knox Express Co.  Total.  RECAPITULA	Traveling expensesdodoTelephone serviceTelegraph serviceChanging locationTransportationTransportation	39.; 121.; 6.; 1.; 3.; 748.;
3 16 17 29 Potal firs	C. Sheets. Chas. T. Harrison The Chesapeake and Potomac Telephone Co. Western Union Telegraph Co. The Chesapeake and Potomac Telephone Co. The Geo. W. Knox Express Co.  Total.  RECAPITULA st quarter.	Traveling expenses	. 9,851.8 7,427.1
3 16 17 29 Potal firs	Co.  E. W. Sheets. Chas. T. Harrison The Chesapeake and Potomac Telephone Co. Western Union Telegraph Co. The Chesapeake and Potomac Telephone Co. The Geo. W. Knox Express Co.  Total.  RECAPITULA	Traveling expenses	39.; 121.; 6.9. 748.; 748.; 86,826. 9,851.; 7,427.

## Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. PUBLIC ROAD INQUIRIES, 1903-4.

Da	ate.	Name.	Nature of payment.	Total.
19 May Jun		Martin Dodge et al. J. B. Killebrew D. G. Haire	Salary	\$552.44 50.00 78.00
	23 25 30	Bloomfield Longstreet. M. O. Eldridge M. Du Perow Martin Dodge	Traveling expenses Desk fan, etc	78.00 29.19 13.00 584.95
		Total fourth quarter, 1903		1,385.58
July	104. 107 2 9 13 14 15 20 28 30 31 15 15 17 17 19	J. B. Killebrew J. H. Dodge E. J. Pullman M. O. Eldridge Martin Dodge E. J. Pullman M. O. Eldridge E. J. Pullman M. O. Eldridge E. W. Sheets Library Bureau C. T. Harrison Martin Dodge et al W. B. Moses & Sons Yawman & Erbe Manufacturing Co. Baltimore and Ohio R. R. Co.	do do Prints, etc Traveling expenses do Kodak, etc Traveling expenses Salary Stand Salary Salaries Chair File case	50.00 100.00 8.08 8.85 6.25 47.70 6.20 78.00 5.00 100.00 624.90 4.75 18.00 18.30
Nor	v. 27	Total first quarter, 1904		1,076.03
	. 16	Edgar W. Sheets J. H. Eldridge		72.72
Jun	e 20 30	Total second quarter  Jas. B. Lambie Co. (Incorporated)  The Murray Lyceum Bureau  J. H. Dodge  Chas. T. Harrison	Belt punch	114.98 1.50 21.70 100.00 100.00
		Total fourth quarter		223, 20
July	y 7 18 19 20 g. 3	Clark & Davenport. Delano & Moore. Murray Lyceum Bureau. The Okonite Co. (Limited) National Electric Supply Co. M. Du Perow	Photo supplies Slides. Electric wire. Desk fan	33.60 69.22 11.25 6.30 10.50 2.50
		Total	•••••	133.37
		TotalRECAPITULA		133

#### RECAPITULATION.

T	otal fourth quarter, 1903	\$1,385,58
T	otal first quarter, 1904	1,076,03
T	otal second quarter, 1904	114.98
T	otal fourth quarter, 1904	223, 20
T	otal supplemental	133.37
	Total	2,933,16

### VEGETABLE PATHOLOGICAL INVESTIGATIONS.

Date.	Name.	Nature of payment.	Total.
1903. July 18 21 24 25 29	Chas. Schiviering T. R. Robinson Wm. Krafft H. J. Webber J. W. Watson Spencer Lens Co. C. L. Shear W. O. Richtmann Bausch & Lomb Optical Co. A. F. Woods et al.	Traveling expenses Drawing apparatus Traveling expenses Wire fencing Microscope stand, etc Traveling expenses	41.60 37.40 12.54 16.45 18.75

### VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

ate.	Name.	Nature of payment.	Total.
.903.	N. B. Pierce P. H. Roffs Perley Spaulding G. G. Hedgoock H. C. Henricksen M. B. Lacy Nis Nissen Lind L. A. Fitz E. G. Schollander L. H. McCullough L. E. Gallagher A. M. Soule H. K. Mooney J. E. Hite W. T. Swingle N. M. Kelley Alfred Atkinson C. P. Hartley R. E. B. McKenney Deorsmore Tyrapswriter Co		
g. 1	N. B. Pierce	Salary	\$210.
	P. H. Rolfs	do	168.
	Perley Spaulding	do	80. 80.
	U. G. Hedgeock	00	80.
	M R Locy	do	60.
	Nie Niesen Lind	do	60. 50. 50.
	L. A. Fitz	do	50.
	E. G. Schollander	do	50.
	L. H. McCullough	do	40.
	L. E. Gallagher	do	25
	A. M. Soule	do	25. 25. 25.
	H. K. Mooney	do	25.
	J. E. Hite	do	25.
3	W. T. Swingle	do	189.
	N. M. Kelley	do	60.
7	C. D. Hartley	The valing our penage	50.
•	D F D McVonney	raveing expenses	26. 98.
	Dansmore Typewriter Co	Typowritor oto	86.
	Alfred Atkinson C. P. Hartley R. E. B. McKenney Densmore Typewriter Co C. R. Edmonston W. A. Orton	do	24.
8	W. A. Orton	Traveling expenses	75
10	J. S. Cole	Salary	24
	J. S. Cole	do	30.
	J. B. Evans	do	50.
	F. W. Faurot Remington Typewriter Co.	do	55.
	E. A. Metcalfe	do	32.
	F. W. Faurot	do	60. 92. 172.
12	Remington Typewriter Co	Typewriter and cover	179
12	d. 1. Moore	raveling expenses	39.
	G. T. Moore	do	61.
	C. L. Shear	do	14.
	C. O. Townsend	Expenses	20
	Edw. S. Schmid	Labels	3
	E. G. Schafer & Co	Valves, etc.	2
	do	Tees, etc	2
13	E. G. Schafer & CododoW. M. WhyteDensmore Typewriter CoM. G. Copeland CoS. M. TracyP. H. Bodfs.	Tags	2.
14	Densmore Typewriter Co	Rubber cover	1.
	M. G. Copeland Co	Awnings	4.
	S. M. Tracy	Salary	50.
	I R Fyone	Traveling expenses	64. 62.
	P. H. Rolfs J. B. Evans Perley Spaulding	Expenses Traveling expensesdo	39.
	Ferriey Spanding G. G. Hedgoock L. E. Gallagher Edw. S. Schmid E. Morrison Paper Co do National Electrical Supply Co Z. D. Gilman Emil Geiser	do	76.
	L. E. Gallagher	do	11.
15	Edw. S. Schmid	. do Labels. Gummed paper. 5,000 Matchless, No. 12. Silk cord. Moth balls, etc. Graduate.	3.
	E. Morrison Paper Co	Gummed paper	5. 10.
	do	5,000 Matchless, No. 12	10.
	National Electrical Supply Co	Slik cord	7
17	Z. D. Gliman	Moth balls, etc	2.
11	Fimer & Amond	Graduates	33
	Queen & Co	Dishes	33. 3.
	Z. D. Gillian Emil Geiner Eimer & Amend Queen & Co A. B. Seymour Western Electric Co Wm. Kraft Christian Becker	Dishes Specimens fungi	38.
	Western Electric Co	Electric bridge Microscope, etc Weights, etc Labor	22.
	Wm. Krafft	Microscope, etc	108.
	Christian Becker	Weights, etc	22.
		Lau01	45.
	G. L. Yocum	Services	40. 20.
	G. L. Yocum Chas. Lantz & Sons Yawman & Erbe Manufacturing Co.	Microtome knives	· 41.
18	Yawman & Erbe Manufacturing Co E. Morrison Paper Co	Sections	5.
10	L. Morrison Faper Co	Stool lottors	4
19	Lamb & Tilden. C. T. Rumbold. A. J. Meyer.	Salary	4. 32.
10	A. J. Meyer	do	24.
	P. H. Rolfs	Traveling expenses	7.
	Bausch & Lomb Optical Co	Bottles, etc	24. 7. 37.
20	M. Du Perow	Switch	
	A. J. Meyer P. H. Rolfs Bausch & Lomb Optical Co. M. Du Perow Thos. W. Smith E. Morrison Paper Co. The M. Lindsay Rubber Co. W. Silas Sheetz. Karl F. Kellerman P. H. Derectt	Wire screening	3.
21	E. Morrison Paper Co	Tags, etc	3. 15. 18. 2. 38.
	The M. Landsay Rubber Co	Rubber belt	18.
	W. Silas Sheetz	Plates	2.
24	Kari F. Kellerman	Traveling expenses	189.
24	P. H. DOISETT	Traveling expenses	8
	Kari F. Kellerman P. H. Dorsett H. J. Webber W. M. Scott	Tags Steel letters Salary do Traveling expenses Bottles, etc Switch Wire screening Tags, etc. Rubber belt Plates Traveling expenses Salary Traveling expenses do	17.
25	P. H. Rolfs Delano & Moore Eimer & Amend	do	13.
20	D-1 6 M	Photo supplies	122.

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
ug. 26	Hughes & Co. J. W. Watson. Stevens Bros. & Co. The H. & W. B. Drew Co. J. Ross Collins A. B. Seymour. A. Zicht	Bluestone, etc	\$10.
	J. W. Watson	Hardware, etc	11.
	The H & W B Drow Co	Flower pots	42.
	J. Ross Collins	Sections Bags Specimens fungi	40. 26.
	A. B. Seymour.	Specimens fungi	30.
27	A. B. Seymour A. Zichtl. A. Zichtl. Rudolph, West & Co. W. B. Moses & Sons. The C. J. McCubbin Co. E. G. Schafer & Co. do. A. F. Woods et al. Newton B. Pierce. P. H. Rolfs. do. H. C. Henricksen L. H. McCullough. E. G. Schollander L. A. Fitz J. E. Hite	File boxes	18.
	Rudolph, West & Co	Bolts, etc.	2.
	W. B. Moses & Sons	Pine etc	15. 3.
	E. G. Schafer & Co	Reducers, etc	0.
	do	Unions, etc.	2.
31	A. F. Woods et al.	Salaries	4,233.
pt. 1	Newton B. Pierce	Salary	210.
	P. H. Kolls	Expenses	72. 168.
	H. C. Henricksen	do	60.
	L. H. McCullough	do	40
	E. G. Schollander	do	50
	L. A. Fitz	do	50
	J. E. Hite	do	25. 40.
	J. B. Evans	do	50
	E. A. Metcalfe	do	60
	L. A. Fitz J. E. Hite C. Rumbold J. B. Evans E. A. Metcalfe P. H. Dorsett Andrew M. Soule Alfred Atkinson G. G. Hedgoock J. T. Brewer N. M. Kelley H. K. Mooney A. W. Edson	do:	189 25
	Andrew M. Soule	do	25
	Alfred Atkinson	do	50 80
	I T Brewer	do	84.
	N. M. Kellev	do	60.
	H. K. Mooney	do	25.
	A. W. Edson	do	80.
	M. B. Lacy	do	60. 60.
	Nie Nieson Lind	do	50.
	L. E. Gallagher	do	50.
3	R. E. B. McKenney	Traveling expenses	9.
	L. A. Fitz	Expenses	21.
4	J. A. McDonald & Co.	Moldings, etc	21.
	H. K. Mooney A. W. Edson M. B. Lacy F. W. Faurot Nis Nissen Lind L. E. Gallagher R. E. B. McKenney L. A. Fitz J. A. McDonald & Co R. S. Wilson F. T. Budge Folmer & Schwing Manufacturing Co R. Friedlander & Sohn J. S. Cole	Sergen doors ate	16. 34.
	Folmer & Schwing Manufacturing Co	Camera, etc. Dried species Salary do	92.
	R. Friedlander & Sohn	Dried species	19.
	J. S. Cole	Salary	60.
	A. L. Stone	do	75. 80.
1	Perley Spaulding C. T. Rumbold P. H. Rolfs	Expenses	21.
	P. H. Rolfs	Expenses do Electric current	35.
	Potomac Electric Power Co. Washington Gas Light Co. M. L. Dean. C. O. Rund.	Electric current	23.
	Washington Gas Light Co	Gas	8.
9	M. L. Dean	Salary	40.
	S. M. Tracy	do	80. 50.
10	Sylvester Balz	do	55.
	W. A. Orton	Expenses	8.
	C. O. Rund S. M. Tracy Sylvester Balz W. A. Orton L. E. Gallagher U. S. Envelope Co. do Library Bureau	Traveling expenses	8. 13.
	U. S. Envelope Co	Envelopes	38.
	Library Bureau	Typewriter stand	42. 5.
	do	Cards	37.
	E. S. Schmid	Leaf mold	20.
	The C. J. McCubbin Co	Brass pipes, etc	10. 9.
	J. B. Lambie	Belting	9.
	. do. E. S. Schmid. The C. J. McCubbin Co. J. B. Lambie. Delano & Moore. Barber & Ross. Wm. Ballantyne & Sons. L. C. Parker.	A ypewriter stand Cards. Leaf mold. Brass pipes, etc. Belting. Photo supplies Basin, etc. Covers.	5.
	Wm. Ballantyne & Sons.	Covers	3. 6.
	J. C. Parker		6. 1.
	Queen & Co. (Incorporated)	Chemicals. Screw eyes, etc	
	J. C. Parker Queen & Co. (Incorporated) Rudolph, West & Co. E. Morrison Paper Co.	Screw eyes, etc	
	do	Labels	9.
	E. Morrison Paper Co. do. do. Remington Typewriter Co. Whitall, Tatum Co. Mallinckrodt Chemical Works. J. Bishop & Co. E. G. Schafer & Co. M. Du Perow Henry Heil Chemical Co. Hugh Reilly W. R. Palmer	Tags. Copying ribbon Beakers. Chemicals	2. 5.
	Whitall, Tatum Co.	Beakers.	4.
	Mallinckrodt Chemical Works	Chemicals	2.
	J. Bishop & Co.	Wire. Valves, etc.	2.
	M. Du Perow	Valves, etc	1.
	Henry Heil Chemical Co	Puneys. Pencils.	1. 1.
	Hugh Reilly	Brushes	1.
11		Experiment on tomatoes	40.

VEGETABLE-PATHOLOGICAL	L INVESTIGATIONS—Continued.
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	Name.	Nature of payment.	Total.
1903.	C. A. Maillen	T J t.	016 25
Sept. 11	G. A. Muller Ernst Leitz	Lead, etc.	\$16.35 12.68
	Ernst Leitz The Chicago Laboratory Supply and Seale Co. J. D. King. S. Shootz	Lead, etc. Scalpels, etc. Set of weights, etc. Cement	12.68 7.52
- 1	J. D. King	Cement	. 57
-	W. S. Sheetz.  Densmore Typewriter Co. J. R. Eglehart & Sons. M. B. McRae. F. Carl Washington Railway and Electric Co. Schneider Bros. Samuel Sherratt	Camera, etc. Typewriter and cover. Making cases.	153.60 79.50
	J. R. Eglehart & Sons	Making cases	37, 00
- 1	M. B. McRae	Carpenter work Filter pump, etc Car tickets Thermometers	20.25
	F. Carl	Filter pump, etc	16.50
	Schneider Bros	Thermometers	5.00 4.45
1	Samuel Sherratt.	Firing bougies.	3.90
- 1	D. N. Walford Mrs. A. A. Winfield M. B. Waite	Firing bougles. Gunpowder, etc. Sugar Traveling expenses	2,50
12	Mrs. A. A. Winfield	Sugar	1.93 87.17
14	W. M. Scott	Salary	134.80
	D. B. Swingle C. L. Shear	Salary Expenses Traveling expenses	134.80 8.78 75.53
10	C. L. Shear	Traveling expenses	75.53
16	A. H. Leidigh	Salary	19, 35
	G. F. Miles	dodo	123.51 46.22
18	A. H. Leidigh G. G. Hedgoock G. F. Miles R. H. True	do	3, 15
01	W. M. Scott	- 00	57. 13 114. 69
$\frac{21}{22}$	W. M. Scott C. O. Townsend N. B. Pierce	Expenses	95.68
24	L. A. Fitz	do	28.31
	A. W. Edson	do	71.95
24	do Woodward & Lothrop	Expenses	11.65 83.76
24	Emil Greiner	Stoppers	7.50
	do	Dishes	2.15
	Emil Greinerdo. Bausch & Lomb Optical Co W. W. Crosier Chas. Parker Yawman & Erbe Mfg. Co.	Supports, etc	41.10
	W. W. Crosier	Lumber	41.75 8 33
1	Yawman & Erbe Mfg. Co	Cabinet.	8.33 7.25
	Mallinckrodt Chemical Works	Matting, etc. Stoppers Dishes Supports, etc. Lumber Making print Cabinet Chemicals Screens, etc.	1.00
1	Rudolph, West & Co	Screens, etc	6.72 2.75
	W. W. Crosier Chas. Parker Yawman & Erbe Mfg. Co Mallinckrodt Chemical Works Rudolph, West & Co Mrs. A. A. Winfield Francis Miller A. B. Farquhar & Co. (Limited) Hughes & Co S. M. Tracy	Sugar Light glass Thresher Bluestone, oil, etc Traveling expenses	.17
28	A. B. Farguhar & Co. (Limited)	Thresher.	220.35
	Hughes & Co	Bluestone, oil, etc	, 10.99
	S. M. Tracy	Traveling expenses	13.79 21.25
	S. M. Tracy P. H. Rolfs Alex McG. Ferguson. A. F. W. Woods et al	do Salary	50.00
30	A. F. W. Woods et al.	Salaries	4, 128.00
			20,936.83
	Total first quarter		
Oct. 2	Henry Heil Chemical Co	Blowpipes, etc	1.15
2	Delana & Magra	Beakers, etc	74.96 122.13
3	do. Delano & Moore. T. R. Robinson.	Traveling expenses	43.90
5	S. M. Tracy	Beakers, etc. Photo supplies. Traveling expenses Salary. do Peptone, etc. Traveling expenses	50.00
C	S. M. Tracy Geo. F. Miles Henry Heil Chemical Co.	Pontone etc	60.07 42.47
6 8	Henry Hell Chemical Co. H. J. Webber	Traveling expenses	68.77
	John C. Parker		1 39
9	W. M. Scott T. W. Raison	Salary	130.40
	T. W. Raison C. L. Shear	do do	40.31 59.33
10	Ernest Retz	Covering boxes	22.50
10	Thos. Somerville & Sons Woodward & Lothrop Potomac Electric Power Co.	Boiler, etc	15.90
	Woodward & Lothrop	Map handle	19.70
	Washington Gaslight Co	Map handle Electric current Gas.	6.70
12	Washington Gaslight Co Church & Stephenson	Lumber	37.00
	E. G. Schafer & Co	Plumbers' supplies	8.07
	The L C Freed Co	Soon and pearline	2.48 3.10
	E. Morrison Paper Co	Tinfoil.	5.00
	The E. F. Brooks Co.	Covering pipes	15.00
	W. M. Whyte.	. Tags.	2.75 3.50
	E. G. Schaler & Codo.  - do  The J. C. Ergood Co.  E. Morrison Paper Co.  The E. F. Brooks Co.  W. M. Whyte.  W. Silas Sheetz.  P. I. O'Gara	Traveling expenses	148.85
10	1. J. J Gara	. Traveling expenses	48.55
19	Karl F. Kellerman		40.00
19	Karl F. Kellerman C. O. Townsend	Gas Lumber Flumbers' supplies do Soap and pearline Tinfoil Covering pipes Tags Angle head Traveling expenses do	41.89
19	Karl F. Kellerman C. O. Townsend P. H. Rolfs	Expenses	8.41 33.75
19	Karl F. Kellerman C. O. Townsend P. H. Rolfs do Thos. H. Kearney Newton B. Pierce	Expenses	41.89 8.41 33.75 145.70 94.67

## VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

	e.	Name.	Nature of payment.	Total.
1903	3			
Oct.		Mallinkcrodt Chemical Works	Benzole Chemicals	\$1.20 11.50
	1	Eimer & Amend	Chemicals	11.50
		do	Filters, etc.	25.00
		Pouseh & Lomb Ontical Co	Objective etc	22.50 43.84
		do	Objective, etc. Pipettes, etc. Praveling expenses. Photo stand. Hardware, etc.	48. 42
		L. A. Fitz.  Folmer & Schwing Manufacturing Co Frank T. Budge.	Traveling expenses	14, 23
	22	Folmer & Schwing Manufacturing Co	Photo stand.	48.00 24.05
		Frank T. Budge	Hardware, etc	24.05
		H. M. Adams		24. 28
		J. H. Bunnell & Co.	Shades	6.06
		H. M. Adams. J. H. Bunnell & Co. Whitall, Tatum & Co.	Shades Casseroles, etc Mortar, etc	1 21
		do. do do Queen & Co. (Incorporated) . Newton B. Pierce . Alfred Atkinson . J. P. Friez . W. Junk . The American Distributing Co.	Flasks, etc	1.21 6.20
		Queen & Co. (Incorporated)	Lead, etc	. 37
		Newton B. Pierce	Rent	125.00
	23	Alfred Atkinson	Salary. Thermograph Books Alcohol	50.00
		J. P. Friez	Thermograph	50.00
		W. Junk. The American Distributing Co	Aloohol	38.76 29.38
		Chas Lentz & Sons	Razors	3 25
		Charles Cooper & Co.	Rent of cylinder	. 88
		American Writing Machine Co	Bond paper	95.00
	26	Chas. Lentz & Sons. Charles Cooper & Co. American Writing Machine Co. W. M. Scott. C. T. Rumbold. A. W. EdsondoS. M. Treer.	Alcohol Razors Rent of cylinder Bond paper Traveling expenses Expensesdo Traveling expensesdo	95.00 42.75
	27	C. T. Rumbold	Expenses	49, 12
		A. W. Edson	Traveling arrenses	3.75 41.30
		S M Trees	Traveling expenses	21.73
	28	S. M. Tracy. Washington Gaslight Co. Potomac Electric Power Co. The Chesapeake and Potomac Telephone Co W. P. Bertiio	Gas	4.60
		Potomac Electric Power Co.	Electric current.	4.60 23.60
		The Chesapeake and Potomac Telephone Co	Telephone service	6.25
	29	W. R. Beattie Pittsburg, Cincinnati, Chicago and St. Louis	Electric current. Telephone service Traveling expenses Passenger transportation.	29.68
	31	Pittsburg, Cincinnati, Chicago and St. Louis	Passenger transportation	8.00
		Now York Now Hoven and Hartford D. D. Co.	do	49.05
		Rwy. Co. New York, New Haven and Hartford R. R. Co Washington-Southern Rwy. Co	do	42.05 3.50
		Southern Rwy. Co.	do	56.95
	}	Seaboard Air Line Rwy	do	19.20
-		New York, New Haven and Hartford R. R. Co Washington-Southern Rwy. Co. Seaboard Air Line Rwy. A. F. Woods et al. Geo. F. Miles. Jesse B. Norton S. M. Tracy. J. E. Hite. Walter Evans. Arthur H. Leidigh. H. K. Mooney. A. McG. Ferguson. P. H. Rolis. P. H. Dorsett. W. H. Fendner. C. O. Townsend. P. H. Rolis.	Salaries	4, 648. 45
Nov.	3	Geo. F. Miles	Traveling expenses	91.70
		Jesse B. Norton	Colony	76.78 50.00
		J. E. Hite	do	25, 00
		Walter Evans.	do	33.75
		Arthur H. Leidigh	do	50.00
		H. K. Mooney	do	25.00
		A. McG. rerguson	do	50.00
	4	P H Dorsett	do	168.50 189.55
	•	W. H. Fendner	Baskets	9.00
		C. O. Townsend.	Expenses.	31.06 55.20 22.00
	5	P. H. Rolfs	Traveling expenses, September	55.20
	•	do	Traveling expenses, July to Octo-	22,00
		A W Edson	ber.	80.90
		A. W. Edson J. S. Cole E. B. Brown	Salarydo. Trayeling expenses	60.00
		E. B. Brown	Traveling expenses.	60.00 94.78
	6	C. L. Shear		68.01
		M. B. Waite J. B. Evans	do	101.98
	-	J. B. Evans		35.50
	9	Newton B. Pierce A. L. Stone. C. O. Rund W. H. Dyer The J. C. Ergood Co Barber & RossdoChurch & Stephensondedodododododo	Expenses	148.47
	3	C. O. Rund	do	50.00 40.00
	13	W. H. Dyer.	Expenses Salary do Lumber Soap powder Wire, etc Hose Lumber	1.00
		The J. C. Ergood Co	Soap powder	3.00
		Barber & Ross.	Wire, etc	10.38
		Charach & Ctonhorson	Hose.	3.00
		do	Lumber	4.80 19.10
		do	do	21. 60
		Z. D. Gilman	do Tubing, etc. Tube supports, etc.	84.77
		do	Tube supports, etc	5.36
		F. W. Bolgiano & Co.		4.00
		do. F. W. Bolgiano & Co. Ernest Betz. Delano & Moore.	Stovepipe Photo supplies Lumber do	1.00
	14	W. B. Hainlin	Pnoto supplies	10.50
	11	do.	17umber	243.36 12.91
	16	do F. Stilwell Eimer & Amend G. F. Miles	do. Salary Supplies and services Traveling expenses	60.00

### VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Nov. 19	N. M. Kelley	Salary. Traveling expensesdo.	\$60.00
	P. J. O'Gara A. W. Edson	Traveling expenses	73.33 50.55 40.00
			50.55 40.00
	M. M. Hays. Sylvester Bolz. Frank T. Budge. J. R. Collins Biscayne Lumber and Supply Co. Mackall Bros. Mallinckrodt Chemical Works.	do	50.50
	Sylvester Bolz	do do Nails, etc Bags	55.00 17.20
20,	Frank T. Budge	Nails, etc	17.20
	J. K. Collins.  Riseavna Lumber and Supply Co	Lumber etc	10. 32 15. 25
21	Mackall Bros	Cotton, etc.	43.69
23	Mallinckrodt Chemical Works	Lumber, etc. Cotton, etc. Chemicals	4.65
	. do. Henry Heil Chemical Co. do. J. H. Bunnell & Co. Whitall, Tatum Co.	do	.92 2.50
	do de de la Chemical Co	Pipettesdo	2, 50 5, 40
	J. H. Bunnell & Co.	Lamps	2. 9.1
	Whitall, Tatum Co	Pipettes, etc	14. 12
	do	Bottles, etc	14. 12 39. 97 3. 75
	ao	Bottles	3.75
1	dodo.	Lamps. Pipettes, etc. Bottles, etc. Bottles Laboratory supplies. Casseroles, etc. Sections, etc.	2.38 1.76
	do Yawman & Erbe Manufacturing Co	Sections, etc.	42.00
1	Wm. Krafft		5.63
	Walter A. Keenan	Labor and team	30.00
	L. A. Fitz.  Bausch & Lomb Optical Co.  Galveston, Harrisburg and San Antonio	Expenses Triplets, etc Passenger transportation	17.17 19.22
24	Galveston, Harrisburg and San Antonio	Passenger transportation	6.00
1			
0"	W. A. Orton. C. L. Shear. C. O. Townsend. W. A. Orton.	do	7.20
25	W. A. Orton	Traveling expenses	8.93 34.50
	C. O. Townsend	do	14.96
27	W. A. Orton	do	14.96 40.50
	do	do	175, 55
	Thos. H. Kearney	Colomr	204.50
	Erwin F. Smith	Traveling expenses	50.00 239.28
	Chas. P. Hartley	do	67.31
00	. do Thos. H. Kearney. Thos. S. Hunt Erwin F. Smith Chas. P. Hartley G. G. Hedgcock M. A. Carleton A. F. Woods et al. F. W. Bolgiano & Co M. Du Perow Thos. R. Riley. Geo. F. Muth & Co . do . do . do . D. Gilman . do Lamb & Tilden	do	53.40 64.00
30	M. A. Carleton	Expenses	4,452.99
Dec. 1	F. W. Bolgiano & Co	Meal	1, 402. 99
	M. Du Perow.	Tube, etc	1, 60 2, 32 2, 13
	Thos. R. Riley	Tags	2. 13
	Geo. F. Muth & Co.	Varnish, etc	20.78 9.76 15.74
	do	Glass cutter	15.74
1	Z. D. Gilman	Slides	3.11
	do	Crucibles, etc.	5.50 17.12
	Potomae Floetrie Power Co	Sign marker Electric current	5.50 17.19
	The Chesapeake and Potomac Telephone Co	Telephone service.	. 10
	W. H. May & Son.	Plowshares, etc	36.03
	Lamb & Tilden. Potomac Electric Power Co. The Chesapeake and Potomac Telephone Co. W. H. May & Son F. P. May & Co Francis Miller Delang & Moore	Traps	· .30
	Delano & Moore	Glass Plates, etc.	8,52
	Delano & Moore Wm. Ballantyne & Son Edw. S. Schmid	Bags. Thermometers.	13.75
	Edw. S. Schmid	Thermometers	8.52 13.75 7.50 2.50
	do Woodward & Lothrop	Labels	2.50 3.62
	do	Tubs, etc Brushes Traveling expenses Cover paper Paper Lock, etc	.65
	M. B. Waite	Traveling expenses	26, 80
	E. Morrison Paper Co	Cover paper	. 36
	Pudelph Weat & Co	Paper	10.00
	do	Hinges, etc.	5. 24 6. 37
	W. B. Moses & Sons	Hinges, etc. Chair and shades. Bookcase, etc.	8.65 22.38
	James B. Lambie Co. (Incorporated)	Bookcase, etc.	22.38
	James B. Lambie Co. (Incorporated)	Glue	1. 25 5. 80
	do do	Wire etc	10.78
	do	Traps	. 60
	do	ob	.60
	Washington Casight Ca	Glue Glue Hardware Wire, etc. Traps. do Tongs and pick. Gas.	.60 2.70 6.50
	Thos Somerville & Sons	Pipe.	2.45
	do Washington Gaslight Co Thos. Somerville & Sons do	ripedodoPhoto suppliesElbows, efcValve, etc.	1.61
	do Delano & Moore E. G. Schafer & Co. do	do	.41
	Delano & Moore	Photo supplies	24.83 .48

## Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
ec. 1	E. G. Schafer & Codo	Gauge, etc.	\$2.40 7.37
	do	Solder, etc	. 82
2	H J Webber	Traveling expenses Lantern slides Report section	136.82
-	Frank J. Cullen	Lantern slides	11.90
	The Fred. Macey Co. (Limited)	Report section.	11.90 14.00
	Robert Gair Co	Bags Cases and cards Seeds	3 41
	Library Bureau	Cases and cards	34.75
	J. M. Thorburn & Co	Seeds	$\frac{1.91}{2.25}$
	Peter Henderson & Co	do	2. 25
	Henry A. Dreer (Incorporated)	do	1.60
	Whitell Tetum Co	Cases, etc Glass spoons Tripod head Bars, etc Daters	22.75 1.00
	W Silas Sheets	Tripod head	3.00
	American Supply Co	Bars, etc	5.95
	J. Baumgarten & Sons	Daters	10.80
	M. G. Copeland Co.	Flag	3.41
	W. H. Dŷer.	Desk table	35.00
	A. Zichtl	Making boxes. Telephone holder	15.00
	H. O. Gosorn	Telephone holder	2. 50
	Bausen & Lomb Optical Co	Chemicals.	3.65
	Goo D Foidt	Laboratory supplies	17.90
	E. G. Schafer & Codododododododo	Liquefied gas Laboratory supplies Carrageen Cultivating cotton	7. 37 17. 20
	A. D. Mebane	Cultivating cotton	25. 00
	do. T. S. Williams Walter Keenan	Cultivating peas	5.00
	T. S. Williams	Cultivating peas	28.00
3	Walter Keenan	Services	10.00
	James Douglas	Photo supplies	11.60
	James Douglas Folmer & Schwing Manufacturing Co. E. L. Rivers. S. M. Tracy.	Services. Photo supplies do Raising cotton	9.72 60.00
4	E. L. Rivers	Raising cotton	60.00
4	do. L.A. Fitz Geo. T. Moore Vector, P. Blore.	Salary	50.00
	T. A Fitz	Solory	57.17 50.00
	Geo T Moore	do	224.20
	Newton B. Pierce	do	203. 80
	L. H. McCullough	do	40.00
	P. H. Rolfs	do	163.00
	Geo. T. Moore.  Newton B. Pierce L. H. McCullough P. H. Rolfs B. M. Duggar A. W. Edson G. G. Hedgcock F. Stilwell E. A. Metcalie F. W. Faurot M. B. Lacy H. C. Henricksen N. M. Kelley E. G. Schollander J. B. Evans Thomas S. Hunt	Expenses	75.52
	A. W. Edson	Salary	78. 20 78. 20
	G. G. Hedgeock	do	78.20
	F. Stilweii	do	60.00
	F W Fourot	do	60.00 60.00
	M. B. Lacy	do	58.80
	H. C. Henricksen	do	58.80
	N. M. Kelley	do	50.00
	E. G. Schollander	do	50.00
	J. B. Evans	do	50.00
	Thomas S. Hunt.	do	50.00
	Nis Nissen Lind	do	50.00
	Wolter Evans	do	50.00 31.25
	I E Hito	do	25. 00
	H. K. Mooney	do	25.00
	A. M. Soule.	do	24.40
5	A. H. Leidigh	do	50.00
8	J. S. Cole	do	60.00
	A. L. Stone.	do	50.00
	M. L. Dean	do	40.00
	Politimore and Obje P. P. Co	Do san gon two non outstien	40.00
	Linion Pagina P. P. Co	rassenger transportation	45. 82
	Washington Southern Rwy Co	do	22.85 22.65
	do	do	12.80
	do	do	12.80 12.80
	E. G. Schollander. J. B. Evans Thomas S. Hunt Nis Nissen Lind A. McG. Ferguson Walter Evans J. E. Hite H. K. Mooney A. M. Soule A. H. Leidigh J. S. Cole A. L. Stone M. L. Dean C. O. Rund Baltimore and Ohio R. R. Co Union Pacific R. R. Co Washington Southern Rwy. Co do do do Central of Georgia Rwy. Co do Atlantic Coast Line R. R. Co	do	6.85
	Central of Georgia Rwy. Co	do	6.75 9.28
	do	do	9. 28
	Atlantic Coast Line D. D. Co		21.80
	do	do	9. 25
	do	do	12. 20 6. 20
	Seahoard Air Line Rwy	do	6.85
	The Yazoo and Mississippi Valley R. R. Co	do	2.05
	Boston and Maine R. R.	do	2. 05 2. 23 5. 10
	Burlington and Missouri River R. R. in Ne-	do.	5.10
	braska. Southern Rwy. Codo.		
	Southown Dave Co	do	3.86

### VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total
1903.			
ec. 8	Southern Rwy. Codododododododo.	Passenger transportation	\$7 22 26
	do	do	26
	do	do	54
	The Charanastra and Ohio Prys. Co.	do	33 12 60
	do	do	60
	Baltimore and Ohio R. R. Co	do	23
	Southern Rwy. Co	do	14
	The Coloredo and Southern Rwy Co	do	. 48
	San Antonio and Aransas Pass Rwy. Co	do	5
	Central R. R. Co. of New York	do	6
	The Lake Shore and Michigan Southern Rwy.	do	7
	International and Great Northern R. R. Co.	do	12
	The Atchison, Topeka and Santa Fe Rwy. Co.	do	49
	Michigan Central R. R. Co	do	14
9	Washington Southern Rwy. Co	Colory	14
10	P. H. Rolfs	Expenses	183 15
	Chas. P. Hartley	do	73
	Henry A. Miller	Traveling expenses	26
	The Lake Shore and Michigan Southern Rwy. Co. International and Great Northern R. R. Co. The Atchison, Topeka and Santa Fe Rwy. Co. Michigan Central R. R. Co. Washington Southern Rwy. Co. P. H. Dorsett. P. H. Roffs. Chas. P. Hartley Henry A. Miller D. C. Robinett Thos. H. Kearney The Geo. W. Knox Express Co. do. Blue Line Transfer Co. P. H. Rolfs. J. Bishop & Co. Cambridge Botanical Supply Co. S. M. Traev W. A. Kellerman A. W. Edson do. Perley Spaulding do. Cambridge Botanical Supply Co. Rudolph, West & Co. Elimer & Amend W. Junk Grand Trunk Rwy. Co.	Traveling expenses	26 53 12
11	The Geo. W. Knox Express Co.	Transportation	12
	do	do	3
12	Blue Line Transfer Co	Expanses	36
14	J. Bishop & Co	Platinum dish, etc	114
	Cambridge Botanical Supply Co	Locks, etc.	
15	S. M. Tracy	Traveling expenses	
	W. A. Kellerman	Salary	50 63
	do	do do	84
	Perley Spaulding	do	84 59 78
10	do. Cambridge Botanical Supply Co. Rudolph, West & Co. Eimer & Amend. W. Junk. Grand Trunk Rwy. Co. Pecos Valley and Northeastern Rwy. Co. Cincinnati and Muskingum Valley R. R. Co. Denver and Rio Grande R. R. Co. International and Great Northern R. R. Co. Michigan Central R. R. Co. The Lake Shore and Michigan Southern Rwy. Co.	Salary	78
16 17	Rudolph West & Co	Paper	
1.	Eimer & Amend	Mortar, etc.	(
	W. Junk	Book	4
18	Grand Trunk Rwy. Co.	Passenger transportation	1.
	Cincinnati and Muskingum Valley R. R. Co	do	1
	Denver and Rio Grande R. R. Co	do	26
	International and Great Northern R. R. Co	do	16
	The Leke Shore and Michigan Southern Paux	do	10
	Co.		
	Louisville and Nashville R. R. Co	do	(
	Pittsburg, Cincinnati, Chicago and St. Louis	do	
	Rwy. Co. The Chesareake and Ohio Rwy. Co.	do	19
	The Atchison, Topeka and Santa Fe Rwy. Co	do	19 50
	The Chesapeake and Ohio Rwy. Co. The Atchison, Topeka and Santa Fe Rwy. Co The Chicago, Burlington and Quincy Rwy. Co Houston and Texas Central R. R. Co. Galveston, Harrisburg and San Antonio Rwy.	do	14
	Houston and Texas Central R. R. Co	do	11
	Co.		
	Owngram Chant Time D. D. Co	do	28 28
	New York Central and Hudson River R. R.	do	28
	Co.		20
	The Oregon R. R. and Navigation Co	do	4
19	F. W. Patterson	Traveling expenses	20
	Church & Stophonson	Kepairs	1
	dodo	do	1°
	do	do	7
	L. A. Fitz	Traveling expenses	- 4
	Sallie E. Miller	Salary	22
	Geo. T. Moore	do	25 27 115
21	Barber & Ross	Knives, etc	
	M. Du Perow	Tube, etc.	25
	Tnomas R. Dillon	curtivating cotton	22
	Co. The Oregon R. R. and Navigation Co. F. W. Patterson Ernest Betz. Church & Stephensondododo. L. A. Fitz Sallie E. Miller C. T. Rumbold Geo. T. Moore Barber & Ross M. Du Perow Thomas R. Dillon W. A. Clark P. H. Rolfs Geo. D. Feidt & Co. Elimer & Amend P. A. Clark	Traveling expenses	53
	Geo. D. Feidt & Co	Castor oil, etc	12

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Da	ate.	Name.	Nature of payment.	Total.
10	03.			
Dec.	. 23	A. D. Shamel.  Leidy S. Depue. Wm. Krafft J. A. McDonald Keuffel & Esser Co U. S. Envelope Co. Henry Heil Chemical Co. Frank T. Budge. Queen & Co. (Incorporated). Mallinckrodt Chemical Works. do. R. Carter Ballantyne.	Traveling expenses	\$148.78
	26 29	Leidy S. Depue	Salt. Microscope, etc. Shingles, etc.	.80 183.70 10.30
	29	J. A. McDonald	Shingles, etc.	10.30
		Keuffel & Esser Co	Scales, etc Envelopes Benzoic acid	9.60
		U. S. Envelope Co	Envelopes	13.16
		Frank T. Budge	Repairs	3.10 24.65
		Queen & Co. (Incorporated)	Dishes	15.96
		Mallinckrodt Chemical Works	Chemicals do Ledger paper Expenses Salaries	1.02 2.90
		R. Carter Ballantyne	Ledger paper	4. 75
	30	R. Carter Ballantyne. M. A. Carleton A. F. Woods et al.	Expenses	27.48
	31	A. F. Woods et al.	Salaries	4,566.76
		Total second quarter		25, 243. 53
19	04.			
Jan.	. 2	A. W. Edson	Salary	80.90
	5	Chas. P. Hartley. P. H. Dorsett. G. G. Hedgcock.	Expenses.	15.45
		P. H. Dorsett	Salary	189.55 80.90
		P. H. Rolfs	do	168.50
		G. G. Hedgoock P. H. Rolfs. M. B. Lacy. H. C. Henricksen F. W. Faurotdo F. Stilwell J. S. Cole. Newton B. Pierce M. L. Dean L. H. McCullough E. G. Schollander A. H. Leidigh L. A. Fitz	do	60.60
		H. C. Henneksen	Traveling expenses	60. 60 7. 00
		do	Salary	60.00
		F. Stilwell	dő	60.00
		J. S. Cole	do	60.00 210.60
		M. L. Dean	do	30.97
		L. H. McCullough	do	40.00
		E. G. Schollander	do	50.00 50.00
		L. A. Fitz	do	50.00
		J. B. Evans	do	50.00
		Nis Nissen Lind	do	50.00 56.13
		E. A. Metcalfe	do	60.00
		Perley Spaulding	do	23.48
		A. H. Leidigh L. A. Fitz J. B. Evans Nis Nissen Lind N. M. Kelley E. A. Metcalfe Perley Spaulding H. K. Mooney J. F. Hitt	do	25.00 25.00
		A. M. Soule.	do	25.30
		Walter Evans.	do	33, 75
		C. T. Rumbold	Expenses	4. 65 35. 25
		H. K. Mooney. J. E. Hite. A. M. Soule. Walter Evans. C. T. Rumbold. do. do. Herman von Schrenk.	do.	40.00
	6	Herman von Schrenk	do	100.39
		B M Dugger	Traveling expenses	25. 28 68. 04
	7	Washington Gaslight Co	Gas	7.80 23.13
		Herman von Schrenk do. B. M. Duggar Washington Gaslight Co. Potomac Electric Power Co. E. G. Schafer & Co. do.	Electric current	23.13
		do.	Packing, etc.	4.46 3.01
		do	Elbows	. 54 2. 18
		James B. Lambie Co. (Incorporated)  Woodward & Lothrop  Lames B. Lambie Co. (Incorporated)	Valves, etc. Packing, etc. Elbows. Felt strip, etc. Desk.	
		James B. Lambie Co. (Incorporated)	Wire gauze.	30.35 2.50
		Mackall Bros. Thes. Somerville & Sons. W. T. Galliher & Bro. Giddings & Steele.	Wire gauze. Flasks, etc.	2.50 197.06
	0	Thos. Somerville & Sons	Pipe, etc.	50.28
	8	Giddings & Steele	Doors. Rug.	10.00 3.10
		A. ZICHTI	Board covers	9.00
		Z.D. Gilmon	Boxes	15.00
	12	Z. D. Gilman Delano & Moore	Boxes Cases Photo supplies Punches, etc Traveling expenses Repairing trunk Leather bag Salary	20. 21 28. 54
		John C. Parker	Punches, etc.	17.96
		C. F. Wheeler James S. Topham	Traveling expenses	6.50
			Leather bag.	1.50 8.50
	14	do Alex. Carlyle C. O. Rund R. A. Moore A. L. Stone	Salary do Services	150.00
		C. O. Rund	Compiees	40.00
		A. L. Stone	Services Salary	6.00 50.00
		S. M. Tracy	do	50.00
		A. L. Stone. S. M. Tracy. W. M. Hays. Erker Bros. Optical Codo J. M. Styers. Yawman & Erbe Manufacturing Co.	Dhata annu Yan	99.50 19.20
		dodo	до do	19.20 29.00
		J. M. Styers.	Cultivating cotton	25.00
		Yawman & Erbe Manufacturing Co	Cards	15.00

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Tota
1904.			
n. 14	Library Bureau	Stand and case.	\$14
	Newton B. Pierce	Dictionary holder	100
	C. T. Rumbold	Expenses	125 21
16	Isidor Kallar	Rent	33
10	Buxton & Skinner Stationery Co	Stationery supplies	11
	Erker Bros. Optical Co.	Photo	48
	Erker Bros. Optical Co. A. M. Beckers Lumber Co.	Lumber	33
	Wilmot Castle Co	Repairs to sterilizer	4
	J. E. Whiteselle Stark Bros. Nurseries and Orchard Co	Cultivating cotton	25
	Stark Bros. Nurseries and Orchard Co	Labor	11
	E. S. Peters. J. S. Merrell Drug Co. Library Bureau. W. A. Kellerman	Cultivating cotton	68
	Library Ruraan	Chemicals	16 24
	W A Kellerman	Index	2°
	Lester Granger	Horse hire, etc.	22
	Lester Granger The Foulds Milling Co	Macaroni	1
	Filmono C Fostor	OFFICE CO.	2
	Perley Spaulding	Oxygen gas Traveling expenses	20
	C. T. Rumbold	Expenses Traveling expenses	28
	Perley Spaulding C. T. Rumbold G. G. Hedgcock	Traveling expenses	28
	T. S. Hunt	Salary	50
	L. A. Fitz P. J. O'Gara	Salary Expenses Traveling expenses	59 77
	Agnes Quirk	Expenses	1 8
	C. L. Shear	Expenses Traveling expenses Traveling expenses	10
	C. L. Shear Thos. H. Kearney	do	7
18	Mackall Bros	Laboratory supplies	9
	M. Du Perow The J. C. Ergood Co Bausch & Lomb Optical Co	Electrical supplies	(
	The J. C. Ergood Co	Cleaning compound	1
	Bausch & Lomb Optical Co	Tubes, etc	4
			30
19	Arthur H. Thomas Co	Scalpels, etc	(
20	Queen & Co. (Incorporated)	Tubes	14
20 21	A. D. Shamel	Fyroneses	11 93
22	Arthur H. Thomas Co. Queen & Co. (Incorporated) H. J. Webber A. D. Shamel Newton B. Pierce.	Expenses	246
22	do	do	35
	do	Traveling expenses	64
	De Camp Fuel Co	Coal and wood	64 17
	A. D. Shamel The Yazoo and Mississippi Valley R. R. Co New York, New Haven and Hartford R. R. Co	Coal and wood Traveling expenses Passenger transportation	3€
25	The Yazoo and Mississippi Valley R. R. Co	Passenger transportation	2
	New York, New Haven and Hartford R. R. Co	do	5
	do	do	29
	New York, New Haven and Hartford R. R. Co do. do. Southern Rwy. Co. do. Southern Pacific Co. Burlington, Missouri R. R. in Nebraska. The Missouri Pacific Rwy. Co. Norfolk and Western Rwy. Co. New York Central and Hudson River R. R. Co	d0	18 17
	do	do	18
	Southern Pacific Co	do	12
	Burlington, Missouri R. R. in Nebraska	do	31
1	The Missouri Pacific Rwy. Co	do	7
	Norfolk and Western Rwy. Co	do	7
	New York Central and Hudson River R. R. Co	do	95
	No. Work Dide delay 127 6 2 5 5	do	13
	Coordia Southern and Florida Brown	00	8
	Macon and Rirmingham Ruy Co	do	1.9
	New York Central and Hudson River R. R. Codo.  do  New York, Philadelphia and Norfolk R. R. Co Georgia Southern and Florida Rwy.  Macon and Birmingham Rwy. Co.  Illinois Central R. R. Co.  Missouri, Kansas and Texas Rwy. Co.  do.  Gulf, Colorado and Santa Fe Rwy. Co.  Chicago and Northwestern Rwy. Co.  Cleveland, Cincinnati and St. Louis Rwy.  Pennsylvania R. R. Co.  do.  do.  do.	do	13
	Missouri, Kansas and Texas Rwy, Co	do	13 37 24
	do	do.	24
	Gulf, Colorado and Santa Fe Rwy. Co	do	17
	Chicago and Northwestern Rwy. Co	do,	19
	Cleveland, Cincinnati and St. Louis Rwy	do	19
	remsylvama K. K. Co		74 17
	do	do	6
	do	do	110
	do	do	58
	do	do	50
	A. W. Edson.	Expenses	7
	J. & J. Basset Keasbey & Mattison Co.	making paneis	11
	Keasbey & Mattison Co	Covering boiler	92
	U. S. Envelope Co. A. Zichtl.	Envelopes	14
26	A. Zichtl	Boxes.	2
	Delano & Moore	Plates, etc	41
	Woodward & Lothrop	Furniture, etc	65 21
	E. C. Dodge J. T. Thompson W. A. McQuie J. F. Bannon & Co	Labor	46
	J. I. I HUMPSUH	Making case, etc	40
	W A McOnie	Rent land	25

### VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Dat	te.	Name.	Nature of payment.	Total.
190	4			
fan.	26	E. Bowers	Lumber	\$37.8
				20.5
		A. C. Bowers  Neustadt & Co Whitall, Tatum Co. Mallinckrodt Chemical Works The Fred. Macey Co. (Limited) Barber & Ross Z. D. Gilman Remington Typewriter Co Geo. F. Muth & Co. Adams Express Co. Potomac Electric Power Co.	Flour and cartage	16.6
		Whitall, Tatum Co	Bottles, etc	17.6
		The Fred Macey Co (Limited)	Bottles, etc. Benzole File section, etc. Hone, etc Tubing	39.0
	27	Barber & Ross	Hone, etc.	3.5
		Z. D. Gilman	Tubing	2.6
		Remington Typewriter Co	Ribbons	.5
		Adams Express Co	Bronze, etc. Transportation. Electric current.	1.1
		Potomac Electric Power Co.	Electric current.	80. 9 25. 6
		do	Valve. Salaries.	.3
	29			1.4
eb.	31	A. F. Woods et al.	Salaries	4,818.5 353.7
eu.	1	A. H. Leidigh	Salarydo	50.0
	- 1	L. A. Fitz	do	50. 0 60. 0
		F. W. Faurot.	do	60.0
		J. B. Evans.	do	50.0
	2	F Stilwell	do	81.8 60.0
	2	Perley Spaulding	do	65.9
		A. F. Woods et al. Geo. T. Moore. A. H. Leidigh L. A. Fitz F. W. Faurot J. B. Evans A. W. Edson F. Stilwell Perley Spaulding E. G. Schollander C. T. Rumbold P. H. Rolfs Newton B. Pierce E. A. Metcalie L. H. McCullough Nis Nissen Lind M. B. Lacy Byron Hunter H. C. Henricksen Thos. S. Hunt	do,	50.0
		C. T. Rumbold	do	40.0
		Newton R Pierce	do	170. 3 212. 9
	- 3	E. A. Metcalfe	do	60.0
		L. H. McCullough	do	40.0
		Nis Nissen Lind	do	50.0
		M. B. Lacy	do	61. 3
		H C Hanriekson	do	43.4 61.3
		Thos. S. Hunt	do	50.0
		G. G. Hedgeock	do	81.8
		A. McG. Ferguson.	do	160.0
		Walter Evans	Traveling avpanges	32.3 6.
	3	H. C. Henricksen. Thos. S. Hunt. G. G. Hedgcock. A. McG. Ferguson. Walter Evans. Erwin F. Smith. Washington Gaslight Co. Thos. Somerville & Sons. E. G. Schafer & Co. Rudolph, West & Co. E. Morrison Paper Co.	Gas	10. 9
		Thos. Somerville & Sons	Pipe, etc.	4.4
		E. G. Schafer & Co.	Plumbers' materials	1.3
		Rudolph, West & Co.	Hinges, etc	3. 1 6. 7
		Tomas D. Tambis Co. (Income and to d)	TT:	1.6
		Z. D. Gilman	Moth balls, etc.	2.2
		James B. Lambie Co. (Incorporated) Z. D. Gilman Frank J. Cullen Church & Stephenson The Chesapeake and Potomac Telephone Co. P. H. Rolfs N. M. Kelley P. H. Dorsett A Y. Greer	Slides. Lumber. Telephone service.	24.5
		Church & Stephenson	Lumber	27.
	4	P H Rolfe	Telephone service	6.8
	7	N. M. Kellev	Expenses Salary do Rent, land and water	46.4
		P. H. Dorsett.	dó	46.4 92.7
	6	A. Y. Greer F. G. Tracy A. L. Stone	Rent, land and water	37.3
		F. G. Tracy	Cultivating cotton	50.0 50.0
		H. K. Mooney	Cultivating cotton Salary do Traveling expenses Salary	25. (
		H. K. Mooney P. H. Rolfs Byron Hunter A. M. Soule	Traveling expenses	74.8 85.2
		Byron Hunter	Salary	85.2
		A. M. Soule		25.8
	8	C. L. Davis The Chesapeake and Potomac Telephone Co. Herman von Schrenk Francis Willer	dodo	25.0
	9	Herman von Schrenk	Expenses	6.2 324.
		Francis Miller	Glass	5. 5
		Washington Gaslight Co	Gas Salary do	5 10
	11	J. S. Cole.	Salary	60.0
		S. M. Tracy	do	50.0 50.0
	12	Queen & Co. (Incorporated)	Chemicals	2.
		Compton Heights Plumbing Co	Fittings	46.4
		Merck & Co	Chemicals	3.5
		I. V. Munson	Grape cuttings	9.0 2.0
		J. C. Temmerberg	Supplies for greenhouse	15.
		Frank T. Budge	Buckets, etc.	10.
		A. C. Bowers	do Chemicals Fittings Chemicals Grape cuttings Seed Supplies for greenhouse Buckets, etc Lumber	43.
		Herman von Schrenk Francis Miller Washington Gaslight Co. J. S. Cole W. M. Hays S. M. Tracy Queen & Co. (Incorporated) Compton Heights Plumbing Co. Merck & Co T. V. Munson J. M. Thorburn & Co J. C. Temmerberg. Frank T. Budge A. C. Bowers E. Bowers Laura de Shon Mackie	do. ,Clerical assistance	39.
		Laura de Shon Mackie	Clerical assistance	19.1 50.
		L. W. Holt. Henry Heil Chemical Co. Whitall, Tatum & Co. Yawman & Erbe Manufacturing Co.	Beakers	4.9
		Whitall, Tatum & Co	Burette clamps. Card cabinets.	2.1
		Yawman & Erbe Manufacturing Co	Card cabinets	119.

## Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Pate.	Name.	Nature of payment.	Total.
1904.			
b. 13	L. C. Corbett	Traveling expenses	\$39.
	Chas P. Hartley	do	54.
	C. L. Shear	do	14.
	S. M. Tracy	Charalina arrange	20.
17	C O Rund	Salary	34. 40.
1.	L. C. COPDETT. Chas P. Hartley C. L. Shear S. M. Tracy G. G. Hedgoock C. O. Rund Baltimore and Ohio R. R. Co. The Texas and Pacific Rwy. Co.	Passenger transportation	91.
18	The Texas and Pacific Rwy. Co.	do	12.
	do	do	12.
	Louisville and Nashville R. R. Co	do	12.
	Atlantic Coast Line R. R. Co	do	34.
	Control of Coordia Days Co	00	34. 15. 7.
	Central of Georgia Rwy. Co. Cleveland, Cincinnati, Chicago and St. Louis	do	17.
	Rwy.		
	Atlantic Coast Line R. R. Co	do	2.
	do Florida East Coast Rwy	do	20.
	Florida East Coast Rwy	do	33
19	Pennsylvania R. R. Co. W. T. Swingle W. M. Scott. Youngers & Co.	Annorotyc	40 10
20	W. I. Swingle	Traveling expenses	17
20 23	Youngers & Co.	Apple seedlings	44
	do.	do	38
	do Scott & Wolff Painting Co Montgomery Ward & Co Laura de Shon Mackie	Painting woodwork	24
	Montgomery Ward & Co	Pipe vise, etc	12
	Laura de Shon Mackie	Services	21
	do	Creosote	21
	Merek & Co do do Mallinekrodt Chemical Works Wm. Kraft. Hughes & Co The S. B. Hubbard Co Henry Heil Chemical Co Emil Greiner Erker Bros. Optical Co Eimer & Amend	Chemicals	9
	Mallinckrodt Chemical Works	Potassium	
-	Wm. Krafft	Oil	4 11
	Hughes & Co	Soap, etc	11
	The S. B. Hubbard Co.	Pipe, etc. Desiccators.	10
	Henry Heil Chemical Co	Desiccators	5 5
	Erker Bres Onticel Co	Flasks	22
	Eimer & Amend	Apparatus	32
	do.		7 47
	The H. & W. B. Drew Co. H. C. Davison & Co. Compton Heights Plumbing Co.	Stand, units, etc. Copying books. Plumbing.	47
	H. C. Davison & Co.	Copying books	14
	Compton Heights Plumbing Co	Plumbing	,30
	J. J. Cavagnaro	Press. Lumber.	35 31
	J. J. Cavagnaro A. M. Beckers Lumber Co The Amour Fertilizer Works	Fertilizer	. 45
	P. H. Rolfs	Expenses	37
24	Potomac Electric Power Co	Expenses	27
	do	do	
	W. B. Moses & Sons	Shades	1 4
	W. B. Moses & Sons. Mineralized Rubber Co. E. Morrison Paper Co. James B. Lambie Co. (Incorporated) The Geo. W. Knox Express Co.	Hose Gummed paper	6
	James B. Lambie Co. (Incorporated)	Screws, etc	2
	The Geo. W. Knox Express Co.	Screws, etc. Transportation	2
	Thos, somervine & sons	Disks, etc	2
	Thos. R. Riley Remington Typewriter Co.	Lumber	2
	Kemington Typewriter Co	Ribbons	2
	Hugh Řeilly Fred A. Schmidt	Brush Boxwood rule, etc.	
	Edw. S. Schmid	Labels	6
	Standard Oil Co	Oil	3
	do	Gasoline	11
	do		14
	F. M. Garner	Making curtains	
	Chas. R. Edmonston Ernest Betz	Brushes and jars	ε
	Clark & Davenport	Carpet	32
	Daniel D. Coudon	Radiator	6
	A. Zichtl	Pamphlet cases	4
	Tr o Transistana		18 38
06	H. C. Henricksen	Salary	
26 27	L. C. Corbett Western Union Telegraph Co.	Traveling expenses	14
29	A F Woods et al	Salaries	4,576
Iar. 2	S. M. Tracy	Salary	18
	F. Stilwell	do	60
	Perley Spaulding	do	76
	A. M. Soule	do	24
	E. G. Schollander	do	50
	C. T. Rumbold H. K. Mooney	do	38 25
	and and one of the second seco	do	• 76

### VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 2	E. A. Metcalfe Alexander McG. Ferguson L. H. McCullough Nis Nissen Lind A. H. Leidigh M. B. Lacy N. M. Kelley G. G. Hedgcock L. A. Fitz F. W. Faurot Walter Evans C. L. Davis J. S. Cole P. H. Rolfs	Salary	\$60.0
	Alexander McG. Ferguson	00	50.0 40.0
	Nis Nissen Lind	do	50.0
	A. H. Leidigh	do	50.0 50.0
	M. B. Lacy	do	57.4
	N. M. Kelley	do	10.3
	G. G. Hedgeock	do	76.4 50.0
	F W Faurot	do	60.0
	Walter Evans	do	31. 2
	J. B. Evans	do	50.0
	C. L. Davis	do	25. (
	J. S. Cole	00	60.0
	do	Traveling avpances	159.4 44.0
3	J. S. Cole P. H. Rolfs do E. Morrison Paper Co W. B. Moses & Sons J. B. Wight do Rudolph, West & Co Church & Stephenson Delano & Moore do. Z. D. Gilman	Labels	1.7
	W. B. Moses & Sons	Mirrors, etc	20
	J. B. Wight	Pecan trees	9.4
	Ded-leb Ward & Co	Cultivating cotton	9.1
	Church & Stanhanson	Lumber	7. 8 18. 0
	Delano & Moore	Photo supplies	40.6
	do	Drawing board	12.0
	Z. D. Gilman	Vials, etc	69.0
	The Geo. W. Knox Express Co	Transportation Expenses	1. 2 35. 3
4	C. O. Townsend	Pecans Pecans	35 5. 2
	Theo. Bechtel Alexander Seed Co Newton B. Pierce. Bausch & Lomb Optical Co	Seeds	1. 1
	Newton B. Pierce	Salary	199.
	Bausch & Lomb Optical Co	Salary Balance, etc	199.5 42.5
	do Eimer & Amend Geo. D. Feidt & Co.	Scalpels	91
	Elmer & Amend.	Agar flour Chemicals	22. 4 17. 4 2. 4
	Tohnson & Stokes	Seeds.	11.
	Johnson & Stokes Henry Heil Chemical Co.	Pipettes, etc	3. 6
	Amzi Godden Co	Seeds Mimeograph, etc Glasses and flasks	1.8
	Grimes, Stassforth Stationery Co	Mimeograph, etc	18.7
5	Amzi Godden Co. Grimes, Stassforth Stationery Co. Whitall-Tatum Co.	Glasses and flasks	18.7 38.2 2.7 2.8
	United States Envelope Co	Jars	2. 4
	United States Envelope Codo. Arthur H. Thomas Co.	Envelopes	8.1
	Arthur H. Thomas Co.	Beakers, etc.	8.1 149.9
	do. J. H. Taws. C. H. Stoelting Co. D. L. Pierson C. Montgomery.	Baskets, etc. Photo prints Laboratory supplies.	25.2
	J. H. Taws	Photo prints	25.2 7.3 18.7 4.3
	D. I. Pierson	Pagen trops	18. 4
	C. Montgomery	Pecan trees	13.6
	W. W. Crosier Merck & Co	Sash for hotbeds. Zinc iodide	45. (
	Merck & Co	Zinc iodide	1.6
	do. Library Bureau.	Copper	2.6
	Library Bureau	Case	15.0
	James Rennie	Cases, etc. Cuttings	24.4 46.0
	Oswald Weigel	Specimens	37.0
	Oswald Weigel The Missouri Pacific Rwy. Co. C. L. Alexander	Specimens. Passenger transportation. Salary	14.8
11	C. L. Alexander	Salary	60.6
	T. S. Hunt	Salary do Traveling expenses Salary do Traveling expenses	50.0 24.3
	S. M. Tracy C. O. Rund A. L. Stone	Solorr	40.0
	A. L. Stone	do	50.0
	Perley Spaulding	Traveling expenses	49.9
	A. J. Stone Perley Spaulding Herman von Schrenk Postal Telegraph Cable Co W. M. Hays Atlantic Coast Line R. R. Co	Expenses. Telegraph service Salary. Passenger transportation.	41.0
10	Postal Telegraph Cable Co	Telegraph service	1.0 47.3 7.5
12 17	Atlantia Coast Line P. P. Co	Passangar transportation	41.0
1,	do	do	25.5
	Baltimore and Ohio R. R. Co.	do.	25.2 6.8
	Central R. R. Co. of New York	do	6.4
17	Chicago, Milwaukee and St. Paul Rwy. Co	do	14.
17	W. M. Hays Atlantic Coast Line R. R. Codo Baltimore and Ohio R. R. Co. Central R. R. Co. of New York Chicago, Milwaukee and St. Paul Rwy. Co. Houston and Texas Central R. R. Co. Chicago, Rock Island and Texas Rwy. Co. Seaboard Air Line Rwy. St. Louis and San Francisco R. R. Co. The Wabash R. R. Co. The Wabash R. R. Co. The Texas and Pacific Rwy. Co. Terre Haute and Indianapolis R. R. Co. Southern Rwy. Co. Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.	00	7. 6 57. 18. 5
18	Seahoard Air Line Rwy	do	10 6
18	St. Louis and San Francisco R. R. Co	do	9.5
	The Wabash R. R. Co.	do	12.3 23.9
	The Texas and Pacific Rwy. Co	do	23.9
	Terre Haute and Indianapolis R. R. Co	do	4.9
	Pittsburg Cincipnati Chicago and St. Lawie	00	18.9
			15.

## VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
far. 18	Woodward & Lothrop	Long cloth	\$0.3
	Woodward & Lothrop	Expenses	19.8
	Pennsylvania R. R. Co.	Passenger transportation	19.8 6.0
	P. H. Rolfs Pennsylvania R. R. Co Nashville,Chattanooga and St. Louis Rwy. Co New Orleans and Northeastern R. R. Co Louisville and Nashville R. R. Co Chas. Wieneck Laura de Shon Mackie N. B. Pierce B. M. Duggar D. J. Grifith W. W. Crosier E. Bowers J. W. Burch	dodo.	9.8
	New Orleans and Northeastern R. R. Co	do	37.3 4.9
	Louisville and Nashville R. R. Co	do. Repairs to laboratory apparatus. Services.	4.9
21	Chas. Wieneck	Repairs to laboratory apparatus.	12.7
	Laura de Shon Mackie	Services	14.0
	N. B. Pierce	Expenses	146.8 99.2
	B. M. Duggar	Salary	99.2
	D. J. Grimth	Kent, land	36.0
	F Powers	Lumber	39.9 29.8
	I W Burch	Services Expenses Salary Rent, land Lumber do Rent, land Electric current	24.0
22			26.7
	Washington Gaslight Co	Gas	11.6
24	Isidor Keller	Rent	11.6 33.0
24 29	The E. F. Brooks Co	Repairs to apparatus	10.4
	W. Atlee Burpee & Co	Seeds	1.7 5.2
	D. E. Burton	Changing apparatus	5.2
	Bausch & Loinb Optical Co	Cover glasses	8.5
	John Chattillon & Sons	Rent Repairs to apparatus Seeds Changing apparatus Cover glasses Scales	15.0
	Church & Stephenson	Lumber	2.8
	Potomae Electric Power Co. Washington Gaslight Co. Isidor Keller. The E. F. Brooks Co. W. Atlee Burpee & Co. D. E. Burton. Bausch & Lomb Optical Co. John Chattillon & Sons Church & Stephenson Continental Gin Co. W. W. Crosier	Gin. Lumber and labor.	66.5
	Dolono & Moore	Photo supplies	49.1 72.6
	H C Davison & Co	Conving books	14.6
	W. W. Crosier Delano & Moore H. C. Davison & Co Eimer & Amend.	Photo supplies Copying books Laboratory supplies Thermographs	17.0
	J. P. Friez. Z. D. Gilman Wm. Krafft	Thermographs	250.0
	Z. D. Gilman	Laboratory supplies	16.8
	Wm. Krafft	Laboratory supplies Oven	16.8 22.0 7.5
	Geo. P. Killian R. C. Keenan Rudolph, West & Co Fred. A. Schmidt E. G. Schafer	Boxes	7.5
	R. C. Keenan	Land rent	30.0
31	Rudolph, West & Co	Hardware	3.7
	Fred. A. Schmidt.	Scale	13.3
	E. G. Schaler	Plumbers' supplies	15.5
	do do	do	3.0
	00	Oven Boxes Land rent Hardware Scale Plumbers' supplies do do Tubing Speds	2.7
	do The Storrs & Harrison Co. Thos. Somerville & Sons. Arthur H. Thomas Co.	Seeds	. 5 2. 5
	Thos Somerville & Sons	Plumbers' supplies	`21.1
	Arthur H. Thomas Co	Laboratory supplies	4.1
	A. F. Woods et al.	Seeds Plumbers' supplies Laboratory supplies Salaries	5, 200.8
	Total third quarter		28,749.7
	D 77 D 14	-	20. 4
pr. 4	P. H. Rolls	Expenses	39.4
	Andrew M. Soule	Salary	25.5 212.9
	Edgar A Mataelfa	do	60.0
	James F Morrow	do	60.0
	I B Evans	do	50.0
	C. L. Davis	do	25.0
	John S. Cole	do	60.0
	P. H. Rolfs Andrew M. Soule Newton B. Pierce Edgar A. Metcalfe James E. Morrow J. B. Evans C. L. Davis John S. Cole Guy R. Maxwell Perley Spaulding Mark B. Lacey Nis Nisson Lind George G. Hedgoock L. A. Fitz Wm. H. Smith E. G. Schollander G. G. Hedgoock A. McG. Ferguson C. T. Rumbold Walter Evans F. Stilwell W. A. Orton	do	5.2
	Perley Spaulding	do	81.8
	Mark B. Lacey	do	61.3
	Nis Nisson Lind	do	50.0 81.8
	George G. Hedgeock		50.0
	Wm H Cmith	dodo	25.0
	F C Schollander	do	25.0 50.0
6	G G Hadgeock	Traveling evnences	53.2
	A. McG. Ferguson	Salary	50.0
	C. T. Rumbold	do	40.0
	Walter Evans	do	33.7
	F. Stilwell	do	60.0
	F. Stilwell W. A. Orton L. H. McCullough P. H. Rolfs	Expenses	8.3 40.0
	L. H. McCullough	Salary	40.0
	P. H. Rolts	do	170.3
7	A. L. Stone	do	50.0 50.0
0	Inos. S. Hunt.	T ag then helting	6.0
9	James B. Lambie Co. (Incorporated)	Pent	33.0
	Church & Stephenson	Lumber	33.0 17.7
	Giddings & Steele	Rug	3.1
	P. H. Rolfs A. L. Stone Thos. S. Hunt James B. Lambie Co. (Incorporated) Isidor Keller Church & Stephenson Giddings & Steele W. M. Scott. B. M. Duggar U. S. Express Co Washington Rwy, and Electric Co.	Traveling expenses	49.4
	B. M. Duggar	do	93.0
			00.0
	U. S. Express Co.	Transportation	20. 8.

VEGETABLE PATHOLOGICAL INVESTIGATIONS-Continued.

( A)

Date.	Name.	Nature of payment.	Total.
1904.	N. W. W. 1		
Apr. 9.	D. N. Walford	Canteens	\$5.50
	A. A. Winfield. do. J. T. Walker Sons. W. M. Whyte A. Zichtl. do. E. Morrison Paper Co.	dodo	17.33 2.75 1.00
	J. T. Walker Sons.	Sand	1.00
	W. M. Whyte	Frames, etc	12.60
	A. Zichtl	Boxes	23.36
	E. Morrison Paper Co.	Tin foil.	6.12 3.75
			3.25
	do	Pencils and leads	1.60
	Eronois Millor	Tags, etc	6.50 3.96
11	Henry A. Dreer (Incorporated)	Seeds	2.10
	Peter Henderson & Co	do	3.00
	do	Plants	2.00
	F. W. Faurot	Salary	60.00 50.00
	C. L. Alexander	do .	40.00
	Alex. Carlyle	do	150,00
12	Youngers & Co	Plum trees	2.70 2.38
	do. do. Francis Miller Henry A. Dreer (Incorporated) Peter Henderson & Co. do. F. W. Faurot A. H. Leidigh C. L. Alexander Alex Carlyle Youngers & Co. Whitall, Tatum Co. do.	Apparatus Flasks	2.38
	do. James Vicks Sons. G. L. Taber. St. Louis Seed Co.	Seeds	2.00 4.00
	G. L. Taber	Seeds Planting trees	20.02
	St. Louis Seed Co	Pots	10.84
			14.00
	J. B. Roberts	Harness	35.00
	James Douglas James Douglas Philip Lindemeyer Chas. Lentz & Sons Library Bureau Merck & Co do	Paste	7.47 2.60
'	Chas. Lentz & Sons.	Grinding razors	1.50
	Library Bureau	Cards	2.25
	Merck & Co	Chemicals	11.56
	do	do	5.00 1,56
	do	do	1.18
13	do. Newton B. Pierce Mary E. Parker, executrix.	Rent	125.00
14	Mary E. Parker, executrix.	Paper	3.13 7.65
	Barber & Rossdo	Oil stone, etc	2, 90
	do	Steel tape.	5. 25
	Blue Line Transfer Co	Drayage Negative envelopes Letter books	. 25
	J. K. Bishop	Negative envelopes	. 50
	E. Morrison Paper Co	Tags.	15.00
	do	do	13. 26 25. 80
	dododoBlue Line Transfer CoJ. K. BishopE. Morrison Paper Codododododododo	Jars	3.84
	Fred. A. Schmidt	Scales	1.35
	W. M. Whyte	Zinc	6.00
15	John O. Merwin	Salary	19.18 19.50
	Lewis T. Leonard	do	2.47
**	Clifford Morse	do	19.50
19	Chas. R. Edmonston Fred. A. Schmidt W. M. Whyte W. B. Moses & Sons John O. Merwin. Lewis T. Leonard Clifford Morse J. A. McDonald & Co. The Mapes Formula and Peruvian Guano Co. Bausch & Lomb Optical Co. Charter Gas Engine Co. De Camp Fuel Co. do F. W. Faurot P. J. Wester Whittier Coburn Co. John O. Merwin. Herman von Schrenk The Wabash R. R. Co. Terre Haute and Indianapolis R. R. Co. Union Pacific R. R. Co. Southern Rwy. Co. The Chicago, Burlington and Quincy Rwy. Co The Atchison, Topeka and Santa Fe Rwy. Co. St. Louis and San Francisco R. R. Co. Pennsylvania R. R. Co. New York, New Haven and Hartford R. R. Co. New York, New Haven and Hartford R. R. Co. Norfolk and Washington Steamboat Co.	Cement, etc	9.90 19.50
	Bausch & Lomb Optical Co.	Photo materials, etc	13, 32
	Charter Gas Engine Co.	Engine and pump.	412.40
	De Camp Fuel Co	Coal	18.98
	F W Faurot	Traveling expenses	8.50
	P. J. Wester	Labor.	9.50 23.23
	Whittier Coburn Co	Glass	32.50
20	John O. Merwin	Salary	3.00
	The Webseh P. P. Co	Traveling expenses	209.80 16.69
	Terre Haute and Indianapolis R. R. Co	do	19.25
	The Yazoo and Mississippi Valley R. R. Co	do	2,95
	Union Pacific R. R. Co.	do	2.95 8.70
	The Chicago Burlington and Ouiner Borry Co.	do	112.30
	The Atchison, Topeka and Santa Fe Rwy Co	do	5.70 4.87
	St. Louis and San Francisco R. R. Co.	do	29, 46
	Pennsylvania R. R. Co.	do	14.75
	New York, New Haven and Hartford R. R	do	8.75
	Co. Norfolk and Washington Steamboat Co	do	8,00
	Missouri, Kansas and Texas Rwy. Co.	do	7.85
	do	do	37.30
	Missouri, Kansas and Texas Rwy. Codo. Chicago and Alton Rwy. Co Louisville and Nashville R. R. Co	do	7.50
	Boulsville and Nashville K. K. Co		15.85

#### VEGETABLE PATHOLOGICAL INVESTIGATIONS-Continued.

Date.	Name.	Nature of payment.	Total
1904.	Illinois Central R. R. Co		
pr. 20	Illinois Central R. R. Co	Passenger transportation	\$3 8
21	Agnes Quirk	Expenses	6
22	Chicago, Rock Island and Pacific Rwy. Co	Passenger transportation	35 144 31
23	C. O. Townsend	Traveling expenses	144
	C. O. Rund	balarydo	40
28	Washington Southern Rwy	Transportation of seeds	95
29	Hermann von Schrenk	Traveling expenses	95
	I B Norton	do	91
30	W. A. Rountree	Salary	91 39
	J. F. Barghansen	do	36
	James Rowan ir	do	19 4
	C. D. Franklin	do	39
	A. F. Woods et al	Salaries	5, 212
<b>1y</b> 2	J. B. Evans.	Salary	50 50
	Nis Nissen Lind	do	50
	F. Stilwell	do	60
	E. A. Metcalle	do	60 60
	F. W. Faurot.	do	206 79
	Newton B. Pierce.	do	206
	Perley Spaulding	do	79
	A. H. Leidigh	do	50
	E. G. Schollander	do	50
	M. B. Lacy	do	59
	A. M. Soule	do	16 24 28
	Wm. Howard Smith	do	28
	Charles L. Davis	do	25 36
	L. H. McCullough	do	40
3	Menendez Steamship Co	Traveling expenses	38 20
4	C. O. Rund.	Rent of cylinder	20
4	do	Chemicals	]
	Erker Bros. Optical Co	Photo supplies	20
	do	do	28
	Chico Nursery Co.	Grapevines	42
	De Camp Fuel Co	Coal	10
	Isidore Keller	Rent	33
	Henry Heil Chemical Co	Laboratory supplies	1.5
	Emil Greiner	Flasks	38
	deorge D. Felat & Co	Laboratory supplies	
	The Goulds Manufacturing Co	Spraying apparatus	27
6	A. D. Shamel	Salary	27 79
J	do	Pamphlet boxes	ę
	Yawman & Erbe Manufacturing Co	Card cabinet	20
	Yawman & Erbe Manufacturing Codo. do. Whitall Tatum Co. John C. Timmerhery J. M. Thorburn & Co. Spencer Lens Co. St. Louis Seed Co C. B. Reckwood	Grapevines Coal Ammonia, etc Rent Laboratory supplies Flasks Crucible, etc Laboratory supplies Spraying apparatus Salary Pamphlet cases Pamphlet boxes Card cabinet Folders Vials, etc Heater and pipe Seeds Mechanical stage Pots and saucers	20
	John C. Timmerhery	Heater and pipe	18
	J. M. Thorburn & Co.	Seeds	18 19
	St. Louis Seed Co	Mechanical stage Pots and saucers Cultivating cotton Electric current Traveling expenses Expenses Lamp holder Air pump Lavatory Glycerine, etc Glass Repairs to typewriter Ether Lee Loo Trunk Potassium Paraffin Corn Traveling expenses	19
	C. R. Rockwood Potomac Electric Power Co.	Cultivating cotton	2
	Potomac Electric Power Co	Electric current	29 49
	W. M. Scottdo	Expenses	25
	National Electrical Supply Codo The C. J. McCubbin Co Mackall Bros Francis Miller	Lamp holder	28
	The C. T. McCubbin Co.	Air pump	56
	Mackall Bros	Glycerine, etc	16
	Francis Miller	Glass	13 2 35
	Remington Typewriter Co. Queen & Co. (Incorporated). Polar Wave Ice and Fuel Co. do P. C. Murphy Trunk Co. Mallinckrodt Chemical Works. Wm. Krafft	Repairs to typewriter	13
	Polar Wave Ice and Fuel Co	Ice	38
	do	do	
	P. C. Murphy Trunk Co.	Trunk	7
	Wm. Krafft	Paraffin	26
	A. N. Clark C. O. Townsend	Corn	55
7	(1 () (Downsond	Trovoling ovnonces	52

Thos. Somerville & Sons		
10   Sal   F. Kellerman   Tra		
Z. D. Gilman	to supplies	\$77.48
Z. D. Gilman	reling expenses	28.05
Z. D. Gilman	ry	50.00
Z. D. Gilman	10	39.60 50.00
Z. D. Gilman	ry trees	15.00
Z. D. Gliman	iy trees	15.43
Z. D. Gilman	or	15.43 15.00
Z. D. Gilman	DS	1.80
Washington Gas Light Co	els n balls, etc	
Washington Gas Light Co	n balls, etc	. 90
Washington Gas Light Co		6.72
Washington Gas Light Co	er. lo	6.72
The Maurice Joyce Engraving Co	10	2.60
Moodward & Lothrop Roo Jas. E. Albinson Reg R. Carter Ballantyne Lin Wm. Ballantyne & Son. Pan The Chesapeake and Potomac Telephone Co Blue Line Transfer Co. Ty Rudolph, West & Co. Hir Transfer Co. Sal. Charles Thompson Frank Tenley. John M. Veale E. W. Walker J. T. Barghansen. Boo John C. Parker Washington Woodworking Co. Boo Remington Typewriter Co. Ty The Pen-Carbon Manifold Co. Let Yawman & Erbe Manufacturing Co. Gui United States Envelope Co. The American Distilling Co. (A. L. Webb & Sons branch). L. L. Olds Seed Co. A. C. Bowers James Douglas. Ph Vaughan's Seed Store. See G. G. Hedgcook Perley Spaulding.  18 The Pullman Co. Peninsula and Occidental Steamship Co Louisville and Nashville R. R. Co. St. Louis Southwestern Rwy. Co. of Texas. Georgia R. R. Galveston, Harrisburg and San Antonio Rwy. Co.	e	8.30
Sons branch	or	44
Sons branch	ting apparatus	136.04
Sons branch	s and brackets	66.36
Sons branch	airs to latrobe	8.50
Sons branch	n paper	9.50
Sons branch	er, etc	9.50 13.70 6.25
Sons branch	phone service	6. 25
Sons branch    Oat	gnt, etc	3.63
Sons branch	ewriter, etc	86.00
Sons branch    Oat	ges, etc	18.00
Sons branch    Oat	10	9.00
Sons branch    Oat	ices	6.00
Sons branch    Oat	lo	6.00 9.00
Sons branch	lo	6.00
Sons branch	lo	36.00
Sons branch	es	22.50 10.80
Sons branch	lers	10.80
Sons branch    Oat	es	33,60
Sons branch    Oat	ewriter	33.60 92.25 13.25
Sons branch    Oat	er books, etc	3.30
Sons branch    Oat	alonge	40.20
Sons branch    Oat	elopeshof	22, 92
L. L. Olds Seed Co.		22.02
A. C. Bowers		10.37
J. R. B. Clemons. Clei James Douglas. Phr Vaughan's Seed Store. See G. G. Hedgcock. Tra Perley Spaulding.  18 The Pullman Co. Peninsula and Occidental Steamship Co. Louis Vulle and Nashville R. R. Co. St. Louis Southwestern Rwy. Co. of Texas. Georgia R. R Galveston, Harrisburg and San Antonio Rwy. Co. Oregon Short Line R. R. Co. do. Southern Rwy. Co. Chicago and Northwestern Rwy. Co. Atlantic Coast Line R. R. Co. Washington Southern Rwy. Co. The Chesapeake and Ohio Rwy. Co. do. C. L. Alexander. Sale T. S. Hunt.	ı, etc	39.20
James Douglas. Vaughan's Seed Store. G. G. Hedgcock Perley Spaulding.  18 The Pullman Co Peninsula and Occidental Steamship Co Louisville and Nashville R. R. Co. St. Louis Southwestern Rwy. Co. of Texas. Georgia R. R. Galveston, Harrisburg and San Antonio Rwy. Co. Oregon Short Line R. R. Codo. Southern Rwy. Co Chicago and Northwestern Rwy. Co Atlantic Coast Line R. R. Co. Washington Southern Rwy. Co The Chesapeake and Ohio Rwy. Codo. C. L. Alexander. Sale T. S. Hunt S. M. Trager	cal aid	18.00
Vaughan's Seed Store. See G. G. Hedgcock Tra Perley Spaulding.  18 The Pullman Co. Pas Peninsula and Occidental Steamship Co. Louisville and Nashville R. R. Co. St. Louis Southwestern Rwy. Co. of Texas. Georgia R. R. Galveston, Harrisburg and San Antonio Rwy. Co. Oregon Short Line R. R. Co. do. Southern Rwy. Co. Chicago and Northwestern Rwy. Co. Atlantic Coast Line R. R. Co. Washington Southern Rwy. Co. The Chesapeake and Ohio Rwy. Co. do. C. L. Alexander. Sale T. S. Hunt.	o supplies	10.00
Perley Spaulding.  Perley Spaulding.  The Pullman Co Peninsula and Occidental Steamship Co Louisville and Nashville R. R. Co. St. Louis Southwestern Rwy. Co. of Texas. Georgia R. R. Galveston, Harrisburg and San Antonio Rwy. Co. Oregon Short Line R. R. Co. do. Southern Rwy. Co. Chicago and Northwestern Rwy. Co. Atlantic Coast Line R. R. Co. Washington Southern Rwy. Co The Chesapeake and Ohio Rwy. Co. do. C. L. Alexander. Sale T. S. Hunt.	S	3.65
Pas The Pullman Co. Peninsula and Occidental Steamship Co. Louisville and Nashville R. R. Co. St. Louis Southwestern Rwy. Co. of Texas. Georgia R. R. Galveston, Harrisburg and San Antonio Rwy. Co. Oregon Short Line R. R. Codo. Southern Rwy. Co. Chicago and Northwestern Rwy. Co. Atlantic Coast Line R. R. Co. Washington Southern Rwy. Co The Chesapeake and Ohio Rwy. Codo C. L. Alexander. Sale T. S. Hunt.	emig expenses	18. 25 20. 40
Peninsula and Occidental Steamship Co Louisville and Nashville R. R. Co St. Louis Southwestern Rwy. Co. of Texas. Georgia R. R. Galveston, Harrisburg and San Antonio Rwy. Co. Oregon Short Line R. R. Co do. Southern Rwy. Co. Chicago and Northwestern Rwy. Co. Atlantic Coast Line R. R. Co Washington Southern Rwy. Co The Chesapeake and Ohio Rwy. Co do. C. L. Alexander S. M. Tragy	anger transportation	24.00
Louisville and Nashville R. R. Co St. Louis Southwestern Rwy. Co. of Texas. Georgia R. R. Galveston, Harrisburg and San Antonio Rwy. Co. Oregon Short Line R. R. Codo. Southern Rwy. Co. Chicago and Northwestern Rwy. Co. Atlantic Coast Line R. R. Co. Washington Southern Rwy. Co The Chesapeake and Ohio Rwy. Codo. C. L. Alexander. Sale T. S. Hunt.	lo	40.00
St. Louis Southwestern Rwy. Co. of Texas. Georgia R. R. Galveston, Harrisburg and San Antonio Rwy. Co. Oregon Short Line R. R. Codo Southern Rwy. Co. Chicago and Northwestern Rwy. Co. Atlantic Coast Line R. R. Co. Washington Southern Rwy. Co The Chesapeake and Ohio Rwy. Codo C. L. Alexander. Salt T. S. Hunt.	0	40.00 27.35
Georgia R. R. Galveston, Harrisburg and San Antonio Rwy. Co. Oregon Short Line R. R. Co. do. Southern Rwy. Co. Chicago and Northwestern Rwy. Co. Atlantic Coast Line R. R. Co. Washington Southern Rwy. Co. The Chesapeake and Ohio Rwy. Co. do. C. L. Alexander. Salt T. S. Hunt.	lo	74.60
Galveston, Harrisburg and San Antonio Rwy. Co. Oregon Short Line R. R. Codo. Southern Rwy. Co. Chicago and Northwestern Rwy. Co. Atlantic Coast Line R. R. Co. Washington Southern Rwy. Co The Chesapeake and Ohio Rwy. Codo. C. L. Alexander. Sale T. S. Hunt S. M. Trager.	lo	4.80
Rwy. Co. Oregon Short Line R. R. Codo. Southern Rwy. Co. Chicago and Northwestern Rwy. Co. Atlantic Coast Line R. R. Co. Washington Southern Rwy. Co. The Chesapeake and Ohio Rwy. Codo. C. L. Alexander. Salt T. S. Hunt.	lo	4.60
Oregon Short Line R. R. Codo. Southern Rwy. Co. Chicago and Northwestern Rwy. Co. Atlantic Coast Line R. R. Co. Washington Southern Rwy. Co. The Chesapeake and Ohio Rwy. Codo. C. L. Alexander. Sali T. S. Hunt. S. M. Tragy		
Southern Rwy. Co. Chicago and Northwestern Rwy. Co. Atlantic Coast Line R. R. Co. Washington Southern Rwy. Co. The Chesapeake and Ohio Rwy. Co. O. C. L. Alexander Sale T. S. Hunt	0	3.80
Chicago and Northwestern Rwy. Co. Atlantic Coast Line R. R. Co. Washington Southern Rwy. Co. The Chesapeake and Ohio Rwy. Co. do. C. L. Alexander. Salt T. S. Hunt.	10	18.00
Atlantic Coast Line R. R. Co.  Washington Southern Rwy, Co The Chesapeake and Ohio Rwy, Co. do. C. L. Alexander. Sale T. S. Hunt	0	37.90 11.10
Washington Southern Rwy. Co. The Chesapeake and Ohio Rwy. Co. do. C. L. Alexander Sale T. S. Hunt	0	9,65
The Chesapeake and Ohio Rwy. Codo. C. L. Alexander. Salt T. S. Hunt.	In	13.60
do. C. L. Alexander. Sala T. S. Hunt	lo	19.50
C. L. Alexander Sala T. S. Hunt	0	19.50 14.00
T. S. Hunt.	у	40.00
S M Troop	0	50.00
D. M. Tacy Ira	eling expenses	9.29
Peter J. Wester Exp	enses	6.40
Unas. F. Hartley	0	28.70
do Tro	eling evnenses	. 33.80
Chicago, St. Paul, Minneapolis and Omaha Pas	enger transportation	6.87 7.12
Chicago and Alton Rwy. Co.	0	3, 75
Pere Marquette R. R. Co.	0	3.75 34.30
The Wabash R. R. Co.	0	22.00
Central of Georgia Rwy. Co.	0	7.25
Rwy. Co.   Chicago and Alton Rwy. Co   Pere Marquette R. R. Co   The Wabash R. R. Co.   Central of Georgia Rwy. Co   Ferd. A. Schmidt   Div   Fred. A. Schmidt   Div   Co.   Tra   23   M. J. Thomas   Salis   Isidor Keller   Ren	iers, etc	14.28
20 Geo. T. Moore Tra	eing expenses	49.40
Isidor Kallar	У	126.00 33.00

Date   Name   Nature of payment	101.07 79.77 79.77 118.44 42.00 39.00 39.00 21.00 21.00 21.00 21.00 21.00 21.00 21.00 21.00 21.00 21.00 21.00 21.00 21.00 21.00 21.00 21.00 50.00 60.00
May 25	101.0 79.78 17.79.78 17.79.78 18.42.00 18.42.00 39.00 39.00 39.00 21.00 21.00 21.00 21.00 50.00 60.00 40.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00
M. B. Watte   Traveling expenses   G. G. Hedgeock   do     J. T. Barghansen   Salary     J. W. Kelley   do     C. D. Franklin   do     J. C. Gordon   do     G. O. Minor   do     Frank Tenly   do     J. M. Veale   do     E. W. Walker   do     Charles Thompson   do     W. A. Rountree   do     A. F. Woods et al   Salaries     E. G. Schollander   Salary     Peter J. Wester   do     F. Stilwell   do     L. H. McCullough   do     A. M. Soule   do     C. L. Davis   do     J. B. Evans   do     J. B. Evans   do     Thos. S. Hunt   do     F. W. Faurot   do     C. T. Rumbold   do     C. T. Rumbold   do     D. B. Wester   do     Mackall Bros   Corks, etc     Merek & Co   Chemicals     do   do     C. Mallinckrodt Chemical Co   Chemicals     do   do   do     do   do   do     do   do	101.0 79.78 17.79.78 17.79.78 18.42.00 18.42.00 39.00 39.00 39.00 21.00 21.00 21.00 21.00 50.00 60.00 40.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00
M. B. Watte   Traveling expenses   G. G. Hedgeock   do     J. T. Barghansen   Salary     J. W. Kelley   do     C. D. Franklin   do     J. C. Gordon   do     G. O. Minor   do     Frank Tenly   do     J. M. Veale   do     E. W. Walker   do     Charles Thompson   do     W. A. Rountree   do     A. F. Woods et al   Salaries     E. G. Schollander   Salary     Peter J. Wester   do     F. Stilwell   do     L. H. McCullough   do     A. M. Soule   do     C. L. Davis   do     J. B. Evans   do     J. B. Evans   do     Thos. S. Hunt   do     F. W. Faurot   do     C. T. Rumbold   do     C. T. Rumbold   do     D. B. Wester   do     Mackall Bros   Corks, etc     Merek & Co   Chemicals     do   do     C. Mallinckrodt Chemical Co   Chemicals     do   do   do     do   do   do     do   do	118.4 4 2.00 39.00 39.00 39.00 21.00 21.00 21.00 21.00 21.00 21.00 21.00 21.00 21.00 22.00 50.00 5
28	118.4 4 2.00 39.00 39.00 39.00 21.00 21.00 21.00 21.00 21.00 21.00 21.00 21.00 21.00 22.00 50.00 5
June   2   E. G. Schollander   Salary     Peter J. Wester	5,946.92 50.00 50.00 60.00 40.00 25.60 25.00 50.00
June   2   E. G. Schollander   Salary     Peter J. Wester	5,946.92 50.00 50.00 60.00 40.00 25.60 25.00 50.00
June   2   E. G. Schollander   Salary     Peter J. Wester	5,946.92 50.00 50.00 60.00 40.00 25.60 25.00 50.00
June   2   E. G. Schollander   Salary     Peter J. Wester	5,946.92 50.00 50.00 60.00 40.00 25.60 25.00 50.00
June   2   E. G. Schollander   Salary     Peter J. Wester	5,946.92 50.00 50.00 60.00 40.00 25.60 25.00 50.00
June   2   E. G. Schollander   Salary     Peter J. Wester	5,946.92 50.00 50.00 60.00 40.00 25.60 25.00 50.00
June   2   E. G. Schollander   Salary     Peter J. Wester	5,946.92 50.00 50.00 60.00 40.00 25.60 25.00 50.00
June   2   E. G. Schollander   Salary     Peter J. Wester	5,946.92 50.00 50.00 60.00 40.00 25.60 25.00 50.00
3 L. P. Menchine	50. 00 50. 00 60. 00 40. 00 25. 60 50. 00 50. 00
3 L. P. Menchine	50.00 60.00 40.00 25.60 25.00 50.00
3 L. P. Menchine	40.00 25.60 25.00 50.00
3 L. P. Menchine	25. 60 25. 00 50. 00 50. 00 60. 00
3 L. P. Menchine	50.00 50.00 60.00
3 L. P. Menchine   Asbestos covering   Mackall Bros   Corks, etc	50.00
3 L. P. Menchine   Asbestos covering   Mackall Bros   Corks, etc	60.00
3 L. P. Menchine   Asbestos covering   Mackall Bros   Corks, etc	40.80
Merck & Co.   Chemicals   do.   do	40.80 4.94 21.38
. do	
do	7. 63 11. 20
do	11.20 4.22 23.20
Ado	23. 20 14. 00
do. Tin foil.  Mallinckrodt Chemical Co Chemicalsdodododododododo	5. 20 7. 00
Maintest of Chemical Co	7.00 29.49
dododododododo	29.49
·	20.30 27.50 2.00
	1.00
dodo	11.60
James B. Lambie Co. (Incorporated) Wire, etc. The Geo. W. Knox Express Co. Transportation.	8.25 7.77
do. do. Z. D.Gilman Tubing, etc. Thermometers.	10.36
Z. D.Gilman Tubing, etc.	14. 86 4. 00
Geo. D. Feidt & Co. Flasks.	4.60
Geo. D. Feidt & Co.       Flasks.        do.       Alumnol         R. J. Farquhar & Co.       Plants	1.07
R. J. Farqunar & Co. Plants do. do.	9, 00
do	28.00 17.00
De Camp Fuel Co	17.00 1.58
Chico Nursery Co. Grapevines. Bausch & Lomb Optical Co. Microscope, etc.	23.25
Bausch & Lomb Optical Co	198.33 204.27
R. P. Andrews & Co. (Incorporated) Paper	19.20
American Writing Machine Čo do	91.20 43.45
do	14.60
dodo.	5, 70
do Edw S. Schmid Boxes William Rennie Stark Bros. Nurseries and Orchards Co. Labor.	13.96
Stark Bros. Nurseries and Orchards Co Labor	43, 55
	26. 70 42. 22
Potomac Flectric Power Co Electric current	25, 68
The Okonite Co. (Limited)	4.20 142.90
Wm. Krafft Objectives, etc. United States Express Co Transportation	. 30
Arthur H. Thomas Co	5.30 13.13 1.85
S S Shedd & Bro Co Tubing etc	1.85
Woodward & Lothrop Chairs, etc. Fred. A. Schmidt Drawing boarddo Rules	50.26 12.72 2.70
Fred. A. Schmidt Drawing board Rules	2.70
Whitell Tetum Co Stron	10
Washington Gaslight Co. Gas Washington Railway and Electric Co. Car tickets.	. 40

#### VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
ne 3	Union Envelope Co	Envelopes	\$6.9
4 6'	A. A. Winfield	Sugar, etc.	5.3
6"	A. A. Winfield Mineralized Rubber Co.	Hose. Graduates.	84.0
	Emil Greiner Church & Stephenson do	Lumber.	30.8
	Church & Stephenson	do	11.5 22.5
	do	do	11.6
	Western Union Telegraph Co	do Telegraph service. Pipe Desk stand Chemicals	14.8
	Jas. W. Hellman	Pipe	14.8 42.6
	Kellogg Switchboard and Supply Co	Desk stand	9.9
	Eimer & Amend	.! Chemicals	10.8
	do	Glasses	6.6
	Field Force Pump Co	Nozzles	4.8
	P. Carter Pallentyne	Beet cult	15.0
	American Writing Machine Co	Paper Stand	2.7 4.0
	W B Moses & Sons	Bookcases	99.4
	The Fred, Macey Co. (Limited)	Card index.	18.0
	Remington Typewriter Co	Adjusting typewriter	. 5
	Hugh Reilly	. Shellac	. 2
	Edw. S Schmid	Seeds	6. 5
	Whitall, Tatum Co	Seeds Laboratory supplies Jars Needles, etc	8.3 57.0
	Anthun II Thomas Co	Jars	57.0
	do. do. do. do. Western Union Telegraph Co. Jas. W. Hellman. Kellogg Switchboard and Supply Co. Eimer & Amend. do. Field Force Pump Co. Deere & Mansur Co. R. Carter Ballantyne. American Writing Machine Co. W. B. Moses & Sons The Fred Macey Co. (Limited) Remington Typewriter Co. Hugh Reilly. Edw. S Schmid. Whitall, Tatum Co. do. Arthur H. Thomas Co. Martin Weigand. D. O. Munson.	Labela	12.9 13.0
	D O Muneon	Labels Fruit trees	14.0
	D. O. Munson Yawman & Erbe Manufacturing Co	Section	14.0 13.0
	Yawman & Erte Manufacturing Codo.  B. M. Duggar R. E. B. McKenney P. H. Rolfs Geo. T. Moore. C. O. Townsend Jesse B. Norton W. W. Cobeydo Newton B. Pierce Nis Nissen Lind Sylvester Balz	Folders and guides	7.4
8	B. M. Duggar.	Traveling expenses	53. 9
	R. E. B. McKenney	do	25, 7
	P. H. Rolfs	do	38.9
	Geo. T. Moore	do	45.3
	C. O. Townsend	Expenses	108.5
	Jesse B. Norton	Traveling expenses	32.8
	do.	do	40. 7. 54. 1
	Newton B. Pierce	Salary	213.0
	Nis Nissen Lind	do	50.0
	Sylvester Balz	do	55.0
	Olimpio Anselmino	do	39.0
	James Everett Morrow	do	60.0
	A. F. Woods.	Traveling expenses	12.2
	Nis Nissen Lind Sylvester Balz Olimpio Anselmino James Everett Morrow A. F. Woods L. P. Roosa Hermann von Schrenk A. H. Leidigh M. B. Lacy E. A. Metcalie Irene White G. G. Hedgcock John M. Veale Charles Thompson Haven Metcali F. D. Kern	Expenses	3.3
	A H Laidigh	Colomy	103. 9 50. 0
	M B Lacy	do	61 4
	E. A. Metcalfe	do	61. 40 60. 0
	Irene White	do	60.0
	G. G. Hedgeock	do	81.8
9	John M. Veale	do	10. 50
	Charles Thompson	do	10.50
11	Haven Metcalf	do	15.00
	r. D. Kern	do	22.50
	F. D. Kern. W. H. Smith. Chas. Levi Alexander.	do	25.00
	A. L. Stone	do	40.00 50.00
	John Larson	do	60.00
	A. L. Stone John Larson E. W. Walker Frank Tenley Hermann von Schrenk P. H. Rolfs Perley Spaulding W. M. Hays Theodore Wilkinson John T. Barghansen R. E. Lowery Wm. Gleason	do	13.50
	Frank Tenley.	do	13.50
	Hermann von Schrenk	Expenses	178.98
	P. H. Rolfs	do	53.6- 81.80 151.60
15	Perley Spaulding	Salary	81.80
	W. M. Hays	do	151.60
	Lohn T. Rarghangan	00	13.73 39.00
	R F Lowery	do	39.00 19.50
	Wm. Gleason	do	9.00
	Wm. Gleason. John H. Mullings Henry Johnson. Edward Hurdle	do	16.50
	Henry Johnson	do	9.00
16	Edward Hurdle	Ventilators	9.00 14.00
17	W. W. Cobey	Expenses	6.28
-20	Edward Hurdle W. W. Cobey C. H. Billingsley Z. D. Gilman C. H. Billingsley The J. C. Ergood Co F. W. Bolgiano & Co Bausch & Lomb Optical Co Rudolph, West & Co Merek & Co do do	Traveling expenses	10.51
20	C. H. Dillingslaw	Chemicals, etc.	18. 23
	The I C Fragod Co	Traveling expenses	32.40
	F. W Rolgiano & Co	Sugar, etc	34.68
	Bausch & Lomb Ontical Co	Chamicals ata	3.02 56.06
	Rudolph, West & Co.	Hardware	56.06 7,02
	Merck & Co.	Chemicals	4. 95
			22, 68

ferek & Codododododododo.	Specimens Boxes Telegraph service Beet seeds. Typewriter Gas Desks, etc Trees Board Bags Chemicals Expenses Traveling expenses do do do Expenses Traveling expenses do Expenses Traveling expenses Traveling expenses Traveling expenses  do Treams, etc Traveling expenses  Au Traveling expenses  Expenses Pearline and soap Pasteur bougies Crocks, etc Papering Awnings Trunk, etc Envelopes Transportation do do Screw-drivers, etc Expenses	\$22. 30
dodododododododo	do Mannit Road wagon Sharpening razor. Hardware Microscope, etc. Engraving Thermometer Instruments Sulphur, etc. Specimens Boxes Telegraph service. Beet seeds. Typewriter Gas. Desks, etc. Trees. Board Bags. Chemicals Expenses Traveling expenses do do Teams, etc. Traveling expenses do Expenses Parline and soap Pasteur bougies Crocks, etc. Papering Awnings Trunk, etc. Envelopes Transportation do do Screw-drivers, etc. Expenses	. 78 6.50 100.00 . 35 3.10 81.00 18.27 5.00 1.25 48.11 7.50 34.09 . 55 23.85 8.10 62.35 13.20 1.35 9.52 140.90 7.05 94.03 17.55 67.64 100.00 103.80 30.51 4.16 42.00 4.10 4.00 4.50 25.50 25.53 19.70 16.10
do. Vm. F. Lutz Co  Phas. Lentz & Sons as. B. Lambie (Incorporated) Vm. Krafft  Ne Maurice Joyce Engraving Co. Idenry J. Green  Weber & Co S. Merrill Drug Co Vm. Wesley & Son Vational Metal Edge Box Co. Ostal Telegraph-Cable Co.  Gaw S. Schmid  Vemington Typewriter Co. Vashington Gaslight Co. Voodward & Lothrop  Norrison Paper Co.  do.  A. Fitz. V. A. Orton  B. B. Brown  V. M. Scott  James M. Rixey  D. Shamel  L. Shear  L. Shear  L. Shear  C. C. M. Burton & Son  Becker  Vm. Ballantyne & Son  J. Mannel  Becker  Vm. Ballantyne & Son  J. Mannel  Medis	Mannit Road wagon Sharpening razor. Hardware. Microscope, etc. Engraving Thermometer Instruments Sulphur, etc. Specimens Boxes Telegraph service Beet seeds. Typewriter Gas. Desks, etc. Trees. Board Bags Chemicals Expenses. Traveling expensesdodo Teams, etc. Traveling expensesdo Expenses. Pearline and soap Pasteur bougies Crocks, etc Papering. Awnings Trunk, etc. Envelopes Transportationdododododododoexpenses. Traveling expensesdoTayeling expensesdoTayeling expensesdoTayeling expensesdoTraveling expensesdoTraveling expensesdoTraveling expensesdoTraveling expensesdoTraveling expensesTraveling expensesTraveling expensesTraveling expensesTraveling expensesTraveling expensesTransportationdododododododo	6,50 100,00 100,00 31,00 81,00 18,27 5,00 1,25 48,11 7,50 34,09 -55 23,85 90,25 91,25 13,20 11,35 9,52 140,90 7,05 94,03 17,55 67,64 100,00 103,80 30,51 4,50 24,00 4,16 42,00 44,00 14,50 25,50 25,53 19,70 16,10
Vm. F. Lutz Co.  'has. Lentz & Sons  as. B. Lambie (Incorporated)  Vm. Krafft.  'he Maurice Joyce Engraving Co.  Ienry J. Green  'Weber & Co.  S. Merrill Drug Co  Vm. Wesley & Son  National Metal Edge Box Co.  Ostal Telegraph-Cable Co.  'dw. S. Schmid  temington Typewriter Co.  Vashington Gaslight Co.  Voodward & Lothrop  'homas Meehan & Sons  D. Morrison Paper Co.  A. Fitz.  V. A. Orton  B. B. Brown  V. M. Scott  ames M. Rixey  D. Shamel  L. Shear  L. D. Shamel  L. Shear  D. Shamel  L. Shear  C. C. M. Burton & Son  Becker  Vm. Ballantyne & Son  do.  do.  do.  do.  do.  dams Express Co.  do.  do.  do.  Becker  Vm. Ballantyne & Son  ddams Express Co.  do.  do.  do.  do.  do.  do.  do.	Road wagon Sharpening razor Hardware. Microscope, etc. Engraving. Thermometer Instruments Sulphur, etc Specimens. Boxes. Telegraph service. Beet seeds. Typewriter Gas. Desks, etc Trees. Board Bags. Chemicals Expenses Traveling expenses. do do Teams, etc. Traveling expensesdo Expenses Pearline and soap Pasteur bougies Crocks, etc Papering. Awnings. Trunk, etc. Envelopes Transportationdo o Screw-drivers, etc. Expenses	100. 00 3. 35 3. 10 81. 00 18. 27 5. 00 1. 25 48. 11 7. 50 34. 09 55 23. 85 92. 25 8. 10 62. 35 13. 20 1. 35 94. 03 17. 55 67. 64 100. 00 103. 89 30. 51 4. 50 24. 00 4. 10 4. 10 4. 00 14. 50 25. 50 15. 38 19. 70 16. 10
as. B. Lambie (Incorporated) Vm. Krafft.  The Maurice Joyce Engraving Co. Ienry J. Green  Weber & Co.  S. Merrill Drug Co Vm. Wesley & Son Vational Metal Edge Box Co Ostal Telegraph-Cable Co.  Jews S. Schmid  Remington Typewriter Co. Vashington Gaslight Co. Voodward & Lothrop Thomas Meehan & Sons  Morrison Paper Co.  Jo.  Jo.  Jo.  Jo.  Jo.  Jo.  Jo.	Hardware Microscope, etc Engraving Thermometer Instruments Sulphur, etc Specimens Boxes Telegraph service Beet seeds. Typewriter Gas Desks, etc Trees Board Bags Chemicals Expenses Traveling expenses do do Teams, etc Traveling expensesdo Expenses Pearline and soap Pasteur bougies Crocks, etc Papering Awnings Trunk, etc Envelopes Transportationdo Screw-drivers, etc Expenses	3.10 81.00 81.00 81.00 18.27 5.00 1.25 48.11 7.50 34.09 23.85 92.25 8.10 62.35 13.20 1.35 9.52 140.90 7.05 67.64 100.00 103.80 30.51 4.50 24.00 4.16 42.00 4.00 14.50 25.50 15.38
Ym. Kraitt. he Maurice Joyce Engraving Co. lenry J. Green. V. Weber & Co. S. Merrill Drug Co. Ym. Wesley & Son lational Metal Edge Box Co. lostal Telegraph-Cable Co. ddw. S. Schmid. lemington Typewriter Co. Vashington Gaslight Co. Voodward & Lothrop. Chomas Meehan & Sons. L. Morrison Paper Co. do. do. lackall Bros. A. Fitz. V. A. Orton. D. B. Brown. V. M. Scott. lames M. Rixey. D. Shamel. L. Shear D. Shamel. L. Shear L. L. Shear Co. do. lackall Paper Co. lastern Wall Paper Co. lastern Wall Paper Co. lackall Paper Co. lackall Reco. lackall Rec	Microscope, etc. Engraving. Thermometer Instruments Sulphur, etc. Specimens Boxes Telegraph service. Beet seeds. Typewriter Gas. Desks, etc. Trees. Board Bags. Chemicals Expenses Traveling expenses. do'do Teams, etc. Traveling expensesdo ' Expenses Traveling expensesdo 'do ' Traveling expensesdo' Traveling expensesdo'do Traveling expensesdo ' Transportationdo 'do '	81, 00 18. 27 5. 00 11. 25 48. 11 7. 50 34. 09 4. 55 23. 85 592. 25 8. 10 62. 35 13. 20 1. 35 56 7. 05 94. 03 17. 55 67. 64 100. 00 103. 80 30. 51 4. 16 42. 00 4. 10 4. 00 14. 50 25. 50 25. 50 26. 00 15. 38 19. 70 16 10
The Maurice Joyce Engraving Co.  Henry J. Green.  Weber & Co.  S. Merrill Drug Co.  Ym. Wesley & Son.  Vational Metal Edge Box Co.  Ostal Telegraph-Cable Co.  Odw. S. Schmid.  Wemington Typewriter Co.  Vashington Gaslight Co.  Vaodward & Lothrop.  Thomas Meehan & Sons.  Morrison Paper Co.  do.  do.  A. Fitz.  V. A. Orton.  B. Brown.  V. M. Scott.  John Shamel.  L. Shear.  D. Shamel.  L. Shear.  D. Shamel.  L. Shear.  C. C. M. Burton & Son.  Becker.  Wm. Ballantyne & Son.  John Son.  John Son.  John Son.  John Shamel.  J. Shear Son.  John Shamel.  John J. C. Ergood Co.  John Shamel.  John J. C. Brood Co.  John Shamel.  John J. C. John Shamel.  John J. John John John John John John John John	Engraving. Thermometer Instruments Sulphur, etc. Specimens Boxes Telegraph service Beet seeds. Typewriter Gas. Desks, etc. Trees. Board Bags Chemicals Expenses Traveling expensesdo Traveling expensesdo Teams, etc. Traveling expensesdo Expenses Traveling expensesdo Transports Transportationdo	18. 27 5. 00 1. 25 48. 11 7. 50 34. 09 . 55 23. 85 92. 25 8. 10 62. 35 8. 10 62. 35 67. 64 100. 00 103. 80 30. 51 4. 50 24. 00 4. 16 42. 00 4. 00 14. 50 25. 50 15. 38 19. 70 16. 10
Ienry J. Green. P. Weber & Co. S. Merrill Drug Co. S. Merrill Drug Co. Vm. Wesley & Son. Vational Metal Edge Box Co. Ostal Telegraph-Cable Co. Odw. S. Schmid Vemington Typewriter Co. Vashington Gaslight Co. Voodward & Lothrop. Chomas Meehan & Sons. D. Morrison Paper Co. J. Morrison Paper Co. J.	Thermometer Instruments Sulphur, etc Specimens Boxes Telegraph service Beet seeds. Typewriter Gas. Desks, etc Trees. Board Bags Chemicals Expenses Traveling expensesdodotraveling expensesdotraveling expensesdo	5. 00 1. 25 48. 11 7. 50 34, 09 . 55 23. 85 92. 25 8. 10 62. 35 13. 20 1. 35 9. 52 140. 90 7. 05 94. 03 17. 55 67. 64 100. 00 103. 80 30. 51 4. 50 24. 00 4. 16 42. 00 4. 16 42. 00 14. 50 25. 50 25. 50 26. 16. 38
Vm. wessey & Son aational Metal Edge Box Co. ostal Telegraph-Cable Co. ddw. S. Schmid. Remington Typewriter Co Vashington Gaslight Co Vashington Gaslight Co. Voodward & Lothrop Phomas Meehan & Sons. C. Morrison Paper Codododackall BrosA. Fitz. V. A. Orton. C. B. Brown. V. M. Scottames M. Rixey. D. Shamel. L. Shear D. Shamel L. L. Shear C. C. M. Burton & Son. Castern Wall Paper Co. R. C. M. Burton & Son. Becker Wm. Ballantyne & Son. do	Specimens Boxes Telegraph service Beet seeds. Typewriter Gas Desks, etc Trees Board Bags Chemicals Expenses Traveling expenses do do do Expenses Traveling expenses do Expenses Traveling expenses Traveling expenses Traveling expenses  do Treams, etc Traveling expenses  Au Traveling expenses  Expenses Pearline and soap Pasteur bougies Crocks, etc Papering Awnings Trunk, etc Envelopes Transportation do do Screw-drivers, etc Expenses	1, 25 48, 11 7, 50 34, 09 .55 23, 85 92, 25 8, 10 62, 35 61, 32 140, 90 7, 50 7, 64 100, 00 103, 80 30, 51 4, 50 24, 00 4, 10 42, 00 4, 00 14, 50 25, 50 15, 38 19, 70 16 10
Vm. wessey & Son aational Metal Edge Box Co. ostal Telegraph-Cable Co. ddw. S. Schmid. Remington Typewriter Co Vashington Gaslight Co Vashington Gaslight Co. Voodward & Lothrop Phomas Meehan & Sons. C. Morrison Paper Codododackall BrosA. Fitz. V. A. Orton. C. B. Brown. V. M. Scottames M. Rixey. D. Shamel. L. Shear D. Shamel L. L. Shear C. C. M. Burton & Son. Castern Wall Paper Co. R. C. M. Burton & Son. Becker Wm. Ballantyne & Son. do	Specimens Boxes Telegraph service Beet seeds. Typewriter Gas Desks, etc Trees Board Bags Chemicals Expenses Traveling expenses do do do Expenses Traveling expenses do Expenses Traveling expenses Traveling expenses Traveling expenses  do Treams, etc Traveling expenses  Au Traveling expenses  Expenses Pearline and soap Pasteur bougies Crocks, etc Papering Awnings Trunk, etc Envelopes Transportation do do Screw-drivers, etc Expenses	7. 50 34. 09 . 55 23. 85 92. 25 8. 10 62. 35 9. 52 140. 90 7. 05 94. 03 17. 55 67. 64 100. 00 103. 80 30. 51 4. 16 42. 00 4. 16 42. 00 14. 50 25. 50 25. 50 21. 00 16. 38
Ostal Telegraph-Cable Co.  ddw. S. Schmid  temington Typewriter Co.  Vashington Gaslight Co.  Voodward & Lothrop  homas Meehan & Sons  E. Morrison Paper Co.  do.  do.  A. Fitz  V. A. Orton  E. B. Brown  V. M. Scott  ames M. Rixey  D. Shamel  L. Shear  D. Shamel  L. Shear  Chas. R. Edmonston  do.  astern Wall Paper Co.  c. C. M. Burton & Son  Becker  VM. Ballantyne & Son  do.  do.  do.  do.  do.  do.  do.  d	Telegraph service Beet seeds. Typewriter Gas. Desks, etc. Trees. Board Bags Chemicals Expenses Traveling expenses do do to to Teams, etc. Traveling expenses Cxpenses Pearline and soap Pasteur bougies Crocks, etc. Papering Awnings Trunk, etc. Envelopes. Transportation do Screw-drivers, etc. Expenses	34, 09 34, 09 35, 23, 85 92, 25 8, 10 62, 35 13, 20 1, 35 9, 52 140, 90 7, 05 94, 03 17, 55 67, 64 100, 00 103, 80 30, 51 4, 50 24, 00 4, 16 42, 00 4, 10 42, 00 14, 50 25, 50 15, 38 19, 70 16, 10
Ostal Telegraph-Cable Co.  ddw. S. Schmid  temington Typewriter Co.  Vashington Gaslight Co.  Voodward & Lothrop  homas Meehan & Sons  E. Morrison Paper Co.  do.  do.  A. Fitz  V. A. Orton  E. B. Brown  V. M. Scott  ames M. Rixey  D. Shamel  L. Shear  D. Shamel  L. Shear  Chas. R. Edmonston  do.  astern Wall Paper Co.  c. C. M. Burton & Son  Becker  VM. Ballantyne & Son  do.  do.  do.  do.  do.  do.  do.  d	Telegraph service Beet seeds. Typewriter Gas. Desks, etc. Trees. Board Bags Chemicals Expenses Traveling expenses do do to to Teams, etc. Traveling expenses Cxpenses Pearline and soap Pasteur bougies Crocks, etc. Papering Awnings Trunk, etc. Envelopes. Transportation do Screw-drivers, etc. Expenses	. 55 23, 85 92, 25 8, 10 62, 35 13, 20 1, 35 9, 52 140, 90 7, 05 94, 03 17, 55 67, 64 100, 00 103, 80 30, 51 4, 50 24, 00 4, 16 42, 00 4, 16 42, 00 14, 50 25, 50 21, 38 19, 70 16 10
Comman Mechan & Sons	Trees. Board Bags Chemicals Expenses. Traveling expensesdodo Teams, etc. Traveling expensesdo Expenses. Pearline and soap Pasteur bougies Crocks, etc Papering. Awnings Trunk, etc. Envelopes Transportationdo	23.85 92.25 8.10 62.35 13.20 1.35 9.52 140.90 7.05 94.03 17.55 67.64 100.00 103.80 30.51 4.50 24.00 4.16 42.00 4.20 01.4.50 25.50 015.38
Comman Mechan & Sons	Trees. Board Bags Chemicals Expenses. Traveling expensesdodo Teams, etc. Traveling expensesdo Expenses. Pearline and soap Pasteur bougies Crocks, etc Papering. Awnings Trunk, etc. Envelopes Transportationdo	8. 10 62. 35 13. 20 1. 35 9. 52 140. 90 7. 05 94. 03 17. 55 67. 64 100. 00 103. 80 30. 51 4. 50 24. 00 4. 16 42. 00 4. 00 14. 50 25. 50 15. 38 19. 70 16. 10
Comman Mechan & Sons	Trees. Board Bags Chemicals Expenses. Traveling expensesdodo Teams, etc. Traveling expensesdo Expenses. Pearline and soap Pasteur bougies Crocks, etc Papering. Awnings Trunk, etc. Envelopes Transportationdo	13, 20 1, 35 9, 52 140, 90 7, 05 94, 03 17, 55 67, 64 100, 00 103, 80 30, 51 4, 50 24, 00 4, 16 42, 00 4, 16 42, 00 14, 50 25, 50 15, 38 19, 70 16, 10
Compass Meehan & Sons   Comp	Trees Board Bags Chemicals Expenses Traveling expensesdo'dodo Teams, etc Traveling expensesdo become a comparishment of the comparishment of	13, 20 1, 35 9, 52 140, 90 7, 05 94, 03 17, 55 67, 64 100, 00 103, 80 30, 51 4, 50 24, 00 4, 16 42, 00 4, 16 42, 00 14, 50 25, 50 15, 38 19, 70 16, 10
. do . do . A. Fitz . A. Fitz . V. A. Orton . B. Brown V. M. Scott . ames M. Rixey . D. Shamel . L. Shear . D. Shamel . L. Shear . D. Shamel . L. C. Ergood Co . chas. R. Edmonston . do . castern Wall Paper Co . t. C. M. Burton & Son . Becker VM. Ballantyne & Son . do	Bags Chemicals Expenses Traveling expensesdodododotraveling expensesdo Expenses Pearline and soap Pasteur bougies Crocks, etc Papering Awnings Trunk, etc. Envelopes Transportationdodododododododododododododo	140. 90 7. 05 94. 03 17. 55 67. 64 100. 00 103. 80 30. 51 4. 50 24. 00 4. 16 42. 00 14. 50 25. 50 25. 50 15. 38 19. 70
A. Fitz. V. A. Orton. E. B. Brown V. M. Scott. ames M. Rixey D. Shamel L. Shear D. Shamel L. Shear C. C. Ergood Co. has. R. Edmonston C. C. M. Burton & Son Becker Vm. Ballantyne & Son dams Express Co. do as. B. Lambie Co. (Incorporated) D. H. Bolfs	Expenses Traveling expenses do do do Teams, etc. Traveling expenses do Expenses Pearline and soap Pasteur bougies Crocks, etc Papering Awnings Trunk, etc. Envelopes Transportation do Screw-drivers, etc Expenses	140. 90 7. 05 94. 03 17. 55 67. 64 100. 00 103. 80 30. 51 4. 50 24. 00 4. 16 42. 00 14. 50 25. 50 25. 50 15. 38 19. 70
A. Fitz. V. A. Orton. E. B. Brown V. M. Scott. ames M. Rixey D. Shamel L. Shear D. Shamel L. Shear C. C. Ergood Co. has. R. Edmonston C. C. M. Burton & Son Becker Vm. Ballantyne & Son dams Express Co. do as. B. Lambie Co. (Incorporated) D. H. Bolfs	Expenses Traveling expenses do do do Teams, etc. Traveling expenses do Expenses Pearline and soap Pasteur bougies Crocks, etc Papering Awnings Trunk, etc. Envelopes Transportation do Screw-drivers, etc Expenses	7. 05 94. 03 17. 55 67. 64 100. 00 103. 80 30. 51 4. 50 24. 00 4. 16 42. 00 4. 00 14. 50 25. 50 15. 38 19. 70 16 10
V. A. Orton. Z. B. Brown V. M. Scott ames M. Rivey L. D. Shamel L. Shear L. D. Shamel Che J. C. Ergood Co has. R. Edmonston do astern Wall Paper Co astern Wall Paper Co W. Burton & Son Becker Wm. Ballantyne & Son dams Express Co do as. B. Lambie Co. (Incorporated)	do do Teams, etc. Traveling expenses. do Expenses. Pearline and soap Pasteur bougies Crocks, etc. Papering. Awnings. Trunk, etc. Envelopes. Transportation. do do Screw-drivers, etc. Expenses	94. 03 17. 55 67. 64 100. 00 103. 89 30. 51 4. 50 5. 50 24. 00 4. 16 42. 00 14. 50 25. 50 15. 38 19. 70 16 10
V. M. Scott. ames M. Rixey D. Shamel L. Shear D. Shamel L. Shear D. Shamel Che J. C. Ergood Co. Chas. R. Edmonston Co. Castern Wall Paper Co. C. M. Burton & Son Becker Wm. Ballantyne & Son Cdams Express Co.	do do Teams, etc. Traveling expenses. do Expenses. Pearline and soap Pasteur bougies Crocks, etc. Papering. Awnings. Trunk, etc. Envelopes. Transportation. do do Screw-drivers, etc. Expenses	100, 00 103, 80 30, 51 4, 50 5, 50 24, 00 4, 16 42, 00 4, 00 14, 50 25, 50 15, 38 19, 70 16 10
ames M. Rixey.  L. D. Shamel  L. Shear  D. Shamel  he J. C. Ergood Co.  has R. Edmonston  do  astern Wall Paper Co.  R. C. M. Burton & Son  Becker  Wm. Ballantyne & Son  do  do  do  do  do  do  Description of the state of the	Teams, etc. Traveling expensesdo Expenses. Pearline and soap Pasteur bougies Crocks, etc. Papering. Awnings. Trunk, etc. Envelopes. Transportationdodododododoscreec. Expenses	100, 00 103, 80 30, 51 4, 50 5, 50 24, 00 4, 16 42, 00 4, 00 14, 50 25, 50 15, 38 19, 70 16 10
. D. Shamel . L. Shear . D. Shamel . D. Shamel . D. C. Ergood Co Mas R. Edmonston do . Castern Wall Paper Co C. M. Burton & Son . Becker Vm. Ballantyne & Son . dams Express Co do . do . do . do . S. Lambie Co. (Incorporated) . H. Rolfs	Traveling expensesdo do  Expenses Pearline and soap Pasteur bougies Crocks, etc Papering Awnings Trunk, etc. Envelopes Transportationdo do Screw-drivers, etc Expenses	4,50 5,50 24,00 4,16 42,00 4,00 14,50 25,50 15,38 19,70 16 10
. L. Shear	Expenses Pearline and soap Pasteur bougies Crocks, etc Papering Awnings Trunk, etc. Envelopes Transportation do Screw-drivers, etc Expenses	4.50 5.50 24.00 4.16 42.00 4.00 14.50 25.50 15.38 19.70 16 10
do. Asstern Wall Paper Co. C. C. M. Burton & Son. Becker Vm. Ballantyne & Son. dams Express Codododo as. B. Lambie Co. (Incorporated)	Crocks, etc Papering Awnings Trunk, etc. Envelopes Transportation do Screw-drivers, etc Expenses	24.00 4.16 42.00 4.00 14.50 25.50 15.38 19.70 16.10
do. Asstern Wall Paper Co. C. C. M. Burton & Son. Becker Vm. Ballantyne & Son. dams Express Codododo as. B. Lambie Co. (Incorporated)	Crocks, etc Papering Awnings Trunk, etc. Envelopes Transportation do Screw-drivers, etc Expenses	24.00 4.16 42.00 4.00 14.50 25.50 15.38 19.70 16.10
do. Asstern Wall Paper Co. C. C. M. Burton & Son. Becker Vm. Ballantyne & Son. dams Express Codododo as. B. Lambie Co. (Incorporated)	Crocks, etc Papering Awnings Trunk, etc. Envelopes Transportation do Screw-drivers, etc Expenses	4. 16 42. 00 4. 00 14. 50 25. 50 15. 38 19. 70 16. 10
. Becker Vm. Ballantyne & Son. dams Express Codododododododo	Trunk, etc. Envelopes TransportationdodoScrew-drivers, etc. Expenses	42, 00 4, 00 14, 50 25, 50 15, 38 19, 70 16 10
. Becker Vm. Ballantyne & Son. dams Express Codododododododo	Trunk, etc. Envelopes TransportationdodoScrew-drivers, etc. Expenses	14.50 25.50 15.38 19.70 16 10
Vm. Ballantyne & Son. dams Express Cododo. dodo. as. B. Lambie Co. (Incorporated)	Envelopes Transportationdodo Screw-drivers, etc Expenses	25. 50 15. 38 19. 70 16. 10
dams Express Codododododododododo.	dodoScrew-drivers, etcExpenses	15.38 19.70 16 10
do as. B. Lambie Co. (Incorporated) 	dodoScrew-drivers, etcExpenses	19.70 16 10
P. H. Rolfs	Expenses	10 10
P. H. Rolfs	Expenses	2,40
da	Traveling expenses	27, 13
uo		49.05
do Erker Bros. Optical Co do Yhe H. & W. B. Drew Co	Prints, etcLantern slides, etc	13.95 26.25
he H & W B Drew Co	Tar board, etc	21. 20
. R. B. Clemons	Tar board, etc	12,00
. R. B. Clemons mour Fertilizer Works Iallinckrodt Chemical Works	Phosphate	13.00
lallinekrodt Chemical Works	Chemicals	1.00 15.00
R. & J. Farquhar & Co.	Knives, etc.	36.70
. T. Barghansen	Salary	39.00
W. Kelley	do	39.00
lalinckrodt Chemical Works dibrary Bureau . & J. Farquhar & Co. T. Barghansen. W. Kelley enry Johnson. Villiam Gleason. eorge O. Minor ohn H. Mullings. Liljah Qualls. F. Woods	do	19.50 19.50
George O. Minor	do	39.00
ohn H. Mullings	do	19.50
Elijah Qualls	Colorios	16.50 5,790.38
1. F. Woods	Saraties	0,750.50
		31, 938, 83
Supplemental.		
ohn Gordon	Salary	39.00
Vm. A. Rountree	do	39.00 39.00
T. Willard	Services	9.00
Olimpiao Anselmino.	Salary	39.00
. L. Davis	00	25.00
м. soule	Traveling expenses	24. 70 20. 56
I. B. Waite	Salary	8.00
. E. Schaefer	Dalaty	206.00
. E. Schaefer	do	60. 00 60. 00
. E. Schaefer Newton B. Pierce C. A. Metcalfe	do	59.30
E. Schaefer Vewton B. Pierce. A. Metcalfe E. Morrow	do do do	
E. Schaefer. Lewton B. Pierce L. A. Metcalfe E. Morrow L. B. Lacy Lerlev Spaulding		58.02
E. Schaefer Newton B. Pierce O. A. Metcalfe E. Morrow		58, 02 50, 00 50, 00
ol Vi	Total fourth quarter  Supplemental. hn Gordon m. A. Rountree. D. Franklin. T. Willard impiao Anselmino L. Davis. M. Soule	Supplemental.   Salary   Sal

#### VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1004	Supplemental—Continued.		
1904. uly 5	Di Georgio Importing and Steamship Co	Passenger transportation	\$60.00
	P. H. Grimes	Repairs to refrigerator	3.00 15.00 65.90 49.50
	B.O. Vanattar	Making box	15.00 65.00
	P. O. Vanatter. Merritt Harper.	Salary do Expenses	49, 50
		Expenses	24.72
	Newton B. Pierce	do Traveling expenses Expenses Traveling expenses	520, 99
6	P. J. Wester.	Expenses.	171. 10 20. 65
	Newton B. Pierce Hermann von Schrenk P. J. Wester P. H. Rolfs T. R. Robinson J. T. Willard Clark & Davenport.	Traveling expenses	43.50
	J. T. Willard	Expenses	5. 57 60. 00 67. 14
	Clark & Davenport	Expenses Linoleum	67.14
7	Thos. H. Kearney. Church & Stephensondododododododo.	Expenses	75, 20 187, 80
	Church & Stephenson	Lumber.	1.40
	do	do	5.40
	do.	do	20. 48 45. 52
9	Hermann von Schrenk	Expenses	130.88
11	do Hermann von Schrenk Erwin F. Smith. C. L. Alexander.	Traveling expenses	314.13
11			40.00 150.00
	Jno. Larson. A. H. Leidigh. H. Metcalfe	do	40.00
	A. H. Leidigh	do	50.00 15.00
	A. L. Stone.	do	50.00
12	F. W. Faurot.	do	60.00
	G. G. Hedgeock	do ,	60.00 79.10
	C. H. Billingsly.	Traveling expenses	40.18
	H Han Sahrank	Expenses	2.83 124.94
14	J. B. Evans	Services	50.00
	P. J. Wester	do	50,00
	A. L. Stone F. W. Faurot F. Stilwell G. G. Hedgoock C. H. Billingsly do H von Schrenk J. B. Evans P. J. Wester L. F. Childers W. H. Smith	do	25.00 25.00
	L. L. Harter	do	39.60
	L. H. McCullough	do	40.00 60.00
	L. H. McCullough Irene White B. M. Duggar W. W. Cobey W. M. Scott A. F. Woods Delano & Moore Stark Bros. Nursery and Orchards Co. Armour Fertilizer Works Isador Keller	do	100, 50
	W. W. Cobey	Traveling expenses	12.10 68.73
	W. M. Scott.	do	68.73
	Delano & Moore	Photo supplies.	266.65
	Stark Bros. Nursery and Orchards Co	Labor	38.52 297.00
	Isador Keller	Rent.	33, 00
15	Transport Consta		54,00
	J. E. Schaefer	do Traveling expenses.	67.50 7.32
	C. L. Shear	do	40.67
18	R. A. Moore	Services	6.00
	Eugen Scott F. D. Kern J. E. Schaefer C. L. Shear R. A. Moore C. J. Brand L. L. Harter do K. F. Kellerman Geo. T. Moore H. J. Webber J. T. Willard Potomac Electric Power Co. W. S. Sheetz Western Union Telegraph Co. American Writing Machine Co	do	128. 95 27. 10 27. 73
	do	Expenses	27.73
	Geo. T. Moore	Traveling expenses	53, 91 85, 78
	H. J. Webber	do	52.08
	J. T Willard	Expenses.	20.00
	W. S. Sheetz.	Photo supplies	24.30 2.50
10	W. S. Sheetz Western Union Telegraph Co. American Writing Machine Co.	Photo supplies Telegraph service Iron brace	3,38
19			. 70 16. 00
	J. D. Corry.	Seeds.	2.60
	J. D. Corry J. H. Bunnell & Co Eimer & Amend	Seeds. Desk buttons.	1.80
	do	Bell jars Tripods	6.40 1.88
	Erker Bros. Optical Co	Tripods Prints, etc Apparatus Specimens	23. 05 12. 00
	R. Friedlander & Sohn	Apparatus	12. 00 9. 52
	The Goulds Manufacturing Co	Pump.	25, 03
	Wm. Krafft	Pump Microscope, etc. Desk stand Guides	232.00
	Library Bureau	Guides	30.75 4.75
	Philip Lindemeyr	Paste	2.60
	do Erker Bros. Optical Co Field Force Pump Co R. Friedlander & Sohn The Goulds Manufacturing Co Wm. Krafft Kellogg Switchboard and Supply Co Library Bureau Philip Lindemeyr. Pierce Loop Sprayer Co Loseh Patent Door Co	Separator Wash bench, etc	1.00 38.00
		THE RELIEF COURSE COURSE	90,00

#### VEGETABLE PATHOLOGICAL INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Tota
1904.	Supplemental—Continued.		
uly 19	The Fred Macey Co. (Limited)	Section, etc	\$51
	dodo	do	14
	do	do	14
	Niles & Scott Co The Okonite Co. (Limited). Queen & Co. (Incorporated). Swayze, Bailey & Co. H. W. Stedman. A. H. Thomas Co. do.	Metal wheels	5
	Ouean & Co. (Innerroyated)	Mothyl oronge	4
	Swayze Bailey & Co	Methyl orange. File holders, etc.	51
	H. W. Stedman	Labor	24
	A. H. Thomas Co.	Labor	21
	do	do	21 11
	do U. S. Envelope Co J. J. Valentine Whiṭall, Tatum Co	Magnifier	
	U. S. Envelope Co.	Envelopes	1.
	J. J. Valentine	Nuts Vials	
	w nitan, Tatum Co	Viais	3
	do. Wallensak Optical Co.	Valves, etc. Repairing shutter	4
	Wolf Bros	Envelones	
	Wolf Bros. Yawman & Erbe Manufacturing Co	Files Card cabinet Passenger transportation	Ì
	do	Card cabinet	é
20	Baltimore and Ohio R. R. Co	Passenger transportation	20
	The Chesapeake and Potomac Telephone Co.	Call	
	Eastern Wall Paper Co.	Molding	-
	Huteninson & Harbin	Constructing bridge	85
	Geo. F. Killian Co	Molding Constructing bridge Boxes Numbering machine	48
	do.  Baltimore and Ohio R. R. Co. The Chesapeake and Potomac Telephone Co. Eastern Wall Paper Co. Hutchinson & Harbin Geo. P. Killian Co. Lamb & Tilden Jas. B. Lambie Co. (Incorporated) Mackall Bros do.	Wire etc	1
	Mackall Bros	Chemicals	149
	do	Wire, etc. Chemicals Camphor gum, etc.	22
	do	do	16:
	E. Morrison Paper Co	Cards. Tin foil. White enamel.	
	do	Tin foil.	1.
	Geo. F. Muth & Co.	White enamel.	45
	National Electric Supply Co	Fans.	4:
	Pomington Typewriter Co	Repairs Tabulator Typewriter and cover	18
	do	Typewriter and cover	95
	do	Ribbons, etc	
	do.	do	
	dodo E. Morrison Paper Codo Geo. F. Muth & Co. National Electric Supply Co. The Oliver Typewriter Co Remington Typewriter Co do do do E. G. Schafer & Co do do do do do	do. Valves, etc. Hose bibbs, etc.	1
	do	Hose bibbs, etc	
	do	Rubber sheeting	,
	Thos. Somerville & Sons	Plumbers' supplies	ί,
	Alex. Schmid	Dools oto	6
	S S Shedd & Bro Co	Matal tubing	
	dodododododododo.	Hose bibbs, etc. Rubber sheeting. Plumbers' supplies. Boxes. Desk, etc. Metal tubing Seeds Typewriter Knives Zinc labels	17
	Underwood Typewriter Co	Typewriter'	87
	D. N. Walford	Knives.	
	WM. Whyte	Zinc labels	15
	A. Zichtl.	Boxes	9
	do	do	0
23	do O. O. Churchill E. C. Chilcott W. A. Orton Pennsylvania R. R. Co	do	6
	W. A. Orton	Expenses	1.
	Pennsylvania R. R. Co	Passenger transportation	10
	do	do	(
	do	do	9
	do	do	4:
	Pennsylvania Co	do	10
	dododo Pennsylvania Co Southern Rwy. Co Washington Southern Rwy. Co W. M. Hays J. M. Johnson J. F. Duggar C. O. Townsend	do	
25	W M Hors	Sarvigae	1.
25	J. M. Johnson	Rent of land	14
26	J. F. Duggar	Expenses	- 19
	H. A. Miller Delano & Moore Church & Stephenson	do	6
	H. A. Miller	Traveling expenses	2
	Delano & Moore	Cameras, etc	20
	Church & Stephenson	Lumber	15
	do	do	15- 35 35
27	C O Townsand	Traveling eynenses	12
30	St. Louis Southwestern Rwy C	Passenger transportation	(
90	Missouri, Kansas and Texas Rwy, Co	do	2
	The Minneapolis and St. Louis R. R. Co.	do	14
	Church & Stephenson do do do C. O. Townsend St. Louis Southwestern Rwy. C. Missouri, Kansas and Texas Rwy. Co The Minneapolis and St. Louis R. R. Co The Atchison, Topeka and Santa Fe Rwy. Co. New York, New Haven and Hartford R. R. Co.	do	44
	New York, New Haven and Hartford R. R.	do	59
			0.0
	Nashville, Chattanooga and St. Louis Rwy Norfolk and Washington S. B. Co	do	23
	Nashville, Chattanooga and St. Lollis RWV	uo	4

Da	te.	Name.	Nature of payment.	Total.
190		Supplemental—Continued.		
July	30	Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.	Passenger transportation	\$12,75
		Rwy. Co. Peninsular and Occidental S. S. Co. Union Pacific R. P. Co. The Wabash R. R. Co. do. The Texas and Pacific Rwy. Co. St. Louis and San Francisco R. R. Co. central of Georgia Rwy. Co. do. Atlantic Coast Line R. R. Co. Chicago, Milwaukee and St. Paul Rwy. Co. do. Denver and Rio Grande R. R. Co. The Missouri Pacific Rwy. Co. Maricopa, Phœnix and Salt River Valley R. R. Co.	do	40.80
		Union Pacific R. R. Co.	do	16.57 7.83
		do	do	14.23
		The Texas and Pacific Rwy. Co	do	14. 23 19. 20
		St. Louis and San Francisco R. R. Co	do	9. 21 7. 25
		do	do	19.84
		Atlantic Coast Line R. R. Co	do	2 46
		Chicago, Milwaukee and St. Paul Rwy. Co	do	9. 70 19. 82
		Denver and Rio Grande R. R. Co.	do	18.00
		The Missouri Pacific Rwy. Co.	do	6,95
		Maricopa, Phœnix and Salt River Valley R.R. Co.	do	9.70
Aug.	1	V. A. Orton. P. H. Rolfs. L. A. Fitz. Agnes Quirk. P. J. Wester.	Traveling expenses	14.08
		P. H. Rolfs	do	45.08
		L. A. Fitz	Expenses	12. 28 7. 67 62. 13
		P. J. Wester.	do	62.13
		do	do	20.40
		American Writing Machine Co R. Friedlander & Sohn	Letter paper	95.00 59.50
		do	do	12.82
		M. C. Jones. W. Junk N. B. Pierce J. H. Sheppard A. McG. Ferguson G. P. Killian.	Drawings Book	40.00
		W. Junk.	Book	4. 21 125, 00
	2	J. H. Sheppard	Rent	12.00
		A. McG. Ferguson	Paper boxes	9.68
	3	G. P. Killian	Paper boxes	35.00
		Z. D. Gilman	Weights, etc	.48 57.13
		Swayze, Bailey & Co	Shellac	11 00
		Hugh Reilly Z. D. Gilman Swayze, Bailey & Co. J. Baumgarten & Sons. Barban & Ross	Stamp.	. 50
		do	Bolts, etc.	5. 31
		J. Baumgarten & Sons. Barber & Ross. do . Fred Carl The Chesapeake and Potomac Telegraph Co. do . Delano & Moore. Dulin & Martin Co. Brentano's. J. C. Parker	Hatch, etc. Bolts, etc. Attachments for camera	. 50 2. 75 5. 31 20. 00
		The Chesapeake and Potomac Telegraph Co	Service.	6, 25
		Delano & Moore	CallPhoto supplies	. 10 69. 18
		Dulin & Martin Co.	Photo supplies Jars.  Manifold pen Copy cloths Cement.	4, 20
		Brentano's	Manifold pen	4.00
		Diction of State of S	Cement.	25.32 24.96
		Potomac Electric Power Co	Current	24, 60
		M. Du Perow	Butter paper	5. 20 9. 06
		Jas. B. Lambie Co. (Incorporated)	Buzzers, etc	2.48
		W. B. Moses & Sons	Table, etc Bookcases, etc Chair, etc	72.85
		do	Chair, etc	106.90 27.05
		dodo E. G. Schafer & Co		.36 291.99
		dodododo	00	291.99 9.09
		do	Tees, etc. Valves, etc.	9.09 44.42
		do Remington Typewriter Co. Washington Gaslight Co. Woodward & Lothrop	Copyholder, etc.	4, 45
		Washington Gaslight Co	Gas	8.80 17.35
	8	W. G. Sackett		2. 15
	9	W. W. Cobey	Expenses	134.47
	10	W. G. Sackett W. W. Cobey B. M. Duggar Issador Kellar	Expensesdo Rent Traveling expenses	31.05 33.00
	12	W. T. Swingle	Traveling expenses	10,00
	16	H. von Schrenk.	Expenses	43.74 6.00
	17	E. Bartholomew	Specimens.	6. 00 20. 15
		F. T. Budge	Nails, etc.	13. 05
		Issador Kellar W. T. Swingle H. von Schrenk E. Bartholomew Buxton & Skinner Stationery Co. F. T. Budge do. Cambridge Batonical Supply Co.	Expenses. Specimens Eyelet machine, etc. Nails, etc. Twine, etc Cases Flask and air Cloth tags Tags	13. 05 28. 20 5. 20
		Cambridge Botanical Supply Co Columbia Liquid Air Co J. R. Collins Dennison Manufacturing Co. Delano & Moore	Cases	5. 20 17. 00
		J. R. Collins	Cloth tags	26. 20
		Dennison Manufacturing Co.	Tags	17.50
		Delano & Moore	Camera, etc	72.15
		Jesano & Moore. Z. D. Gilman Jas. B. Lambie Co. (Incorporated). Woodruff Manufacturing Co. Luytus Bros. Mercantile Co. G. D. Fridt & Co.	Chemicals Hammer, etc Wall tables	21. 23 32. 05
	*0	Woodruff Manufacturing Co.	Wall tables	64.00
	18	G. D. Fridt & Co.	Jars	18.00
		a. D. Filat & Co	Alcoholometers	7.20

Date.	Name.	Nature of payment	Total
Date.	Name.	Nature of payment.	Total.
1904.	Supplemental—Continued.		
Aug. 18	Folmer & Schwing Manufacturing Co Glen St. Mary Nurseries Guild & Garrison	Repairs to camera	\$0.50 10.00
	Guild & Garrison	Plants	14, 00
	Guild & Garrison Robt, Gair Co.  The Leeds Northrop Co. Wm. Krafftdo. H. RehmJoe Ray	Bagsdo.	24. 49 29. 80
	The Leeds Northron Co	(talvonometer ate	29. 80 54. 00
	Wm. Krafft	Stand, etc. Objective, etc. Specimens Cultivating cotton	211.70
	do	Objective, etc.	211.70 102.75 5.00
	Joe Ray.	Cultivating cotton	15, 00
	Stark Bros. Nurseries and Orchard Co	Labor	11.00
	Stark Bros. Nurseries and Orchard Co The Stoddard Manufacturing Co. C. H. Stoelting & Co. Spencer Lens Co.	Cultivators	26. 00 12. 08
	Spencer Lens Co.		14, 25
	do	Objectives	141. 25 15. 00
	Spencer Lens Co. do. J. A. Thompson. F. G. Tracy The Utah Sugar Co. Queen & Co. (Incorporated)	Microscope, etc. Objectives. Cultivating cotton. do. Sugar-beet seed. Chamical	20.00
	The Utah Sugar Co.	Sugar-beet seed	22, 30
	Queen & Co. (Incorporated)	Chemicals	30. 64 2. 90
	ao	Tiasas and dishes	3, 07
	do	Chemicals	9.00 19.50
	Edw. Nelson Polar Wave Ice and Fuel Co	Ice	17.50
	Clara Preston	Ice	17.80
	Mallinckrodt Chemical Works	Services. Chemicals Rods and hose	60.00 2.00
	Mallinckrodt Chemical Works Morrill & Morley Merck & Co do do The Fred Marcy Co	Rods and hose	10.05
	Merck & Co	Chemicals	17. 63 13. 90
	do	do	. 50
	The Fred Marcy Co	File sections	13.50
	do	do	39.00 31.10
	do Emil Greiner	Burettes	31.10 10.00
	Henry Heil Chemical Co	Graduates, etc	9, 80 65, 49
	do. Henry Hell Chemical Co. W. A. McGuie. Einer & Amend.	Rent land	65.49 25.00
	Eimer & Amend	Reakers. Rent land Chemicals Drying baths	15.04
	Yawman & Erbe Manufacturing Co	Sections Folders, etc.	18. 85 '48. 75
		Folders, etc	7. 45 7. 75
	dodo. Bausch & Lomb Optical Codo Library Bureau. Arthur H. Thomas Codo. Whitall Tatum Codo.	Cabinet. Circles, etc.	15, 63
	do	Triplets, etc.	40.65
	Arthur H. Thomas Co	Slides, etc.	90 XO
	do	Paraffin Bottles	3.92
	Whitall Tatum Codo	Bottlesdo	3.92 1.72 7.67
	J.	Tome	9. 33 52. 70 6. 00
19	Chas. P. Hartley	Expenses	52, 70 6, 00
22	Chas. P. Hartley. P. J. Webster P. H. Rolfs.	do	29, 82
06	W. M. Scott.	Cultivating cotton	7.00
26	W. M. Scott. R. C. Keenan do American Can Co. Western Union Telegraph Co.	do.	120.00 474.19
	American Can Co.	Mailing tubes	7.07 7.42
27	Western Union Telegraph Co	Service. Traveling expenses	7.42 4.90
21	R. C. M. Burton & Sons. Mallinekrodt Chemical Works. Mackall Bros	Awnings Chemicals	16.00
	Mallinckrodt Chemical Works	Chemicals Corks, etc	4. 15 19. 78
	do	Tubes	60.00
	Haller & Cornell Wall Paper Co	Wall paper	164.67
29	A. M. Ferguson	Pearline Services Cultivating cotton	3.00 78.00
	Mackan Bros do do Haller & Cornell Wall Paper Co. The J. C. Ergood Co A. M. Ferguson A. Y. Greer Dudlow M. Huches	Cultivating cotton	125.00
	A. Y. Greer Dudley M. Hughes Chas. E. Hodgkin Wm. Krafft Geo. F. Muth & Co. Rudolph, West & Co.	Oil stain	20.00 1.50
	Wm. Krafft.	Balances	185, 00
	Geo. F. Muth & Co.	Bronze, etc	10.75 97.95 20.00
	Ed Swan	Hardware. Cultivating alfalfa, etc.	20.00
	Rudolph, West & Co. Ed Swan Thos. Somerville & Sons. Whitall, Tatum & Co Thos. Somerville & Sons. W. G. Sockett. O. Bellman, jr	Pipe, etc.	457. 85 35. 00
	Thos. Somerville & Sons	Apparatus	21.50
Sept. 6	W. G. Sockett.	Chemical hose, etc	21.50 80.00
8	O. Bellman, jr	Grate bars	10.00

ate.	Name.	Nature of payment.	Total.
04	Supplemental—Continued.		
04. t. 10	Karl F. Kellerman	Traveling expenses	\$10.
. 10	W. G. Sockett.	Expenses.	25.
	Haven Metcalf.	do.	38
	Toe G Biddle	Patentrometer, etc.	38. 285.
	Jas. G. Biddle. Bausch & Lomb Optical Co. Newton B. Pierce.	Bottles	32
13	Nowton B Piones	Traveling expenses	32. 15.
10	do	Expenses	410
15	Fetate Inc. C. Parker	Stationary supplies	410. 54. 15.
19	I also Charge and Michigan Coutham Dry Co	Descendent transportation	15
19	do. Estate Jno. C. Parker Lake Shore and Michigan Southern Rwy. Co. San Pedro, Los Angeles and St. Louis R. R.	do	7.
1	Co.		
	Penneylyonia B B Co	ob.	1.
	Pennsylvania R. R. Codododo.	do	13.
	do	do	40.
	do	do	4.
	do	do	128
	do. Oregon Short Line R. R. Co.	do	57.
			5.
	do	do	20.
	Denver and Rio Granda P. P. Co.	do	36,
	Atlantic Coast Line R. R. Codo. Denver and Rio Grande R. R. CoThe Atchison, Topeka and Santa Fe Rwy. Co. Texas and Pacific Rwy. CoBaltimore and Ohio R. R. Codo. The Pullman Co.	Transportation	39.
	Tayee and Pacific Pwy Co.	do	6.
	Poltimore and Ohio D. D. C.	Doggongon trong and think	43.
	do	do do	25
	The Dullmon Co	dodo	6
	Charagrapha and Ohio Deep Co	Transportation	0.
	chesapeake and Onio Rwy. Co	Doggon den tropper antoti-	16
	Couthorn Dryy Co	rassenger transportation	27.
	Southern Rwy. Co	dodo	32
	Washington Contlant D		52.
	washington Southern Rwy	00	1.
	Chicago Court III	00	1.
	Chicago Great Western Rwy. Co		0.
	Terre Haute and Indianapolis R. R. Co	do	7. 24
	The Missouri Pacine Rwy. Co	do	23
	Illinois Central R. R. Co.	00	
	Central of Georgia R. R. Co		3.
	Clarater d Circles (C. Cl.	00	27.
	do The Pullman Co Chesapeake and Ohio Rwy. Codo Southern Rwy. Codo Washington Southern RwydoChicago Great Western Rwy. CoTerre Haute and Indianapolis R. R. CoThe Missouri Pacific Rwy. CoIllinois Central R. R. Cocentral of Georgia R. R. CododoCleveland, Cincinnati, Chicago and St. Louis Rwy. Co.	do	
20	dő	do	6.
20	A. H. Busch & Co.	Pipe, etc.	113.
	Barber & Ross. Littlefield, Alvord & Co	Hardware	1.
	Littlefield, Alvord & Co	Transportation	
	do	do	1.
	do	do	
	do	do	00
	Standard Oil Co	Gasoline.	26
	Merck & Co. Yawman & Erbe Manufacturing Co	Chemicals	8
	r awman & Erbe Manufacturing Co	Cards Transportation	15.
	United States Express Co	Transportation	5.
-	Thos. Somerville & Sons	do	20
	Thos. Somerville & Sons	Sinks, etc. Heating apparatus	26
	do	Heating apparatus	29
	Woodward & Lothrop. Remington Typewriter Co. Bausch & Lomb Optical Co. Adams Express Co.	Furniture. Adjusting typewriter.	41.
	Remington Typewriter Co	Adjusting typewriter	1
	Dauseil & Lomb Optical Co	Driers, etc	6. 32.
	Adams Express Co	Transportation	32.
	Operald Weigel	do	17
0.1	do. Oswald Weigel Florida East Coast Rwy. Co. Armour Fertilizer Works	Specimens.	18.
24	A rm our Fortilizar W. Co	Passenger transportation	31.
26	Armour Fertinzer Works	Fertilizer	30.
		00	20.
00	W. W. Crosier.	Lumber	29.
28	H. von Schrenk	Expenses	2.
	Total		15, 795.
	Total		10, 790.

First quarter	 \$20, 936, 83
Second quarter	 25, 243, 53
Third quarter	 28, 749, 78
Fourth quarter	31, 938, 83
Supplemental	 15, 795, 25
	 10,100.20

#### VEGETABLE PATHOLOGICAL INVESTIGATIONS-RENT.

Date.	Name.	Nature of payment.	Total.
1903. Aug. 10 Sept. 9	Tyler & Rutherforddo.		\$133, 33 133, 33
	Total first quarter		266, 66
Oct. 14 Dec. 10	Tyler & Rutherforddo.	Rentdo.	133.33 266.66
	Total second quarter		399.99
1904. Jan. 18 Feb. 24 Mar. 22	Tyler & Rutherforddodo.	Rentdodo.	133, 33 133, 33 133, 33
	Total third quarter		399.99
Apr. 13 May 12 June 18	Tyler & Rutherford do. Amanda E. Brown. Tyler & Rutherford	Rentdo.	133. 33 133. 33 300. 00 133. 33
	Total fourth quarter		699.99
	Supplemental.		
July 14 26 Aug. 3	Amanda E. Brown Tyler & Rutherford H. V. Lansdale	Rent <sup>°</sup>	60.00 133.33 150.00
	Total		343.33

#### RECAPITULATION.

First quarter	\$266,66
Second quarter	
Third quarter	399, 99
Fourth quarter	699.99
Supplemental	343. 33

#### VEGETABLE PATHOLOGICAL INVESTIGATIONS, 1903-4.

Date.	Name.	Nature of payment.	Total.
1903. May 15	M. B. Waite		\$116.47 116.47
1904. Sept. 18	Pennsylvania R. R. Co. Texas and New Orleans R. R. Co. Atlantic Coast Line R. R. Co. The Colorado and Southern Rwy. Co.	Passenger transportationdodo	44.00 20.00 29.16 26.55
Oct. 2	Total first quarter, 1904  J. S. Cole. J. B. Evans. F. W. Faurot H. K. Mooney. P. H. Dorsett	Salary	119.71 60.00 50.00 60.00 25.00 183.40 163.00 50.00 50.00 50.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00

#### VEGETABLE PATHOLOGICAL INVESTIGATIONS, 1903-4—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Oct. 2	M. B. Lacy	Salary	\$58.80
	Newton B. Pierce.	do	203.80
	Perley Spaulding A. M. Soule	do	78. 20
	A. M. Soule.	do	24.40
	E. G. Schollander	do	50.00
0	G. G. Hedgcock		78.20
6	Sylvester Bolz	do	55.00
	W. M. Hays	do	49.00
	A. L. Stone	do	50.00
	H. C. Henricksen		58.80
	A. W. Edson		78.20
	Walter Evans		16, 25
0	L. H. McCullough	do	40.00
9	C. T. Rumbold		40.00
19	Alex Carlyle		150.00
	C. O. Rund		40.00
27 0	M. L. Dean		40.00
Nov. 3	M. B. Lacy	do	60.60
	E. G. Schollander		50.00
	H. C. Henricksen		60, 60
	A. M. Soule	do	25.30
	Newton B. Pierce.		210.60
	E. A. Metcalfe		60.00
	G. G. Hedgcock		80.90
	Nis Nissen Lind		50.00
	L. H. McCullough		40.00
	B. M. Duggar.	ao	100.30
	J. B. Evans.	do	50.00
	L. A. Fitz	do	50.00
	Perley Spaulding F. W. Faurot		80.90
	F. W. Faurot	00	60.00
	Matal second asserter		2 010 05
	Total second quarter		3,218.85
1904.			
Jan. 14	E. W. Curchill	Ermanasa	159.86
Jan. 14	E. W. Curcilli	Expenses	199.80
	M-4-1 41-1-1	[ ·	150.00
	Total, third quarter		159.86
	Carmo I am am to 7		
	Supplemental.		
1110 02	Indian Hand Blantation (Incomparated)	Cultivating tabassa	900 00
Aug. 23	Indian Head Plantation (Incorporated)	Cultivating tobacco	800.00

#### RECAPITULATION.

Fourth quarter, 1903 Fourth quarter, 1904 Second quarter Third quarter Supplemental	119.71 3,218.85 159.86
- What is	4 414 90

#### POMOLOGICAL INVESTIGATIONS.

Date.	Name.	Nature of payment.	Total.
1903. July 25 31 Aug. 1 12 13 15 18 21 25 26 31	South Side Manufacturing Co. G. B. Brackett et al. G. H. Powell. H. P. Gould. S. H. Fulton. R. P. Andrews & Co. (Incorporated). S. H. Fulton. E. Morrison Paper Co. do. Woodward & Lothrop. E. J. Pullman. G. Harold Powell. Merchants Refrigerator Co. of New York. G. B. Brackett et al.	Traveling expenses do do do Fruit wraps, etc Traveling expenses Paper clippings Herbarium paper Water cooler Plates Traveling expenses Storage of fruit Salaries	\$68.00 1,874.28 79.14 76.27 20.20 35.20 21.47 2.00 4.50 4.87 3.80 41.02 18.70 1,936.25
Sept. 3	S. H. Fulton H. P. Gould Yawman & Erbe Manufacturing Co	do	8.00 73.57 3.25

# $\label{lem:expenditures} \textit{Expenditures of the Department of Agriculture for fiscal year ending June~30, 1904--Cont'd.}$

#### POMOLOGICAL INVESTIGATIONS—Continued.

	Name.	Nature of payment.	Total.
1000			
1903. Sept. 10	J. S. Topham	Case for electric thermometer	\$6.00
1. Sept. 1.	S. H. Fulton	Traveling expenses	44.59
10	W. A. Taylor	Expenses	111.63
1	S. H. Fulton  W. A. Taylor  G. H. Powell  W. H. Ragan  Delano & Moore  Washington Southern Rwy. Co.  Norfolk and Washington Steamboat Co.  Pennsylvania R. R. Co. do.  W. A. Taylor  E. Morrison Paper Co.  W. S. Shutz.  Southern Rwy. Co.  Central R. R. Co. of New Jersey.  Schneider Brosdo.  F. L. Bradley  A. Hoover.  Chas. Hoffman.  G. B. Broglektt et el.	Traveling expenses	111.63 52.77
	W. H. Ragan	Dhata annia	28.94
	Washington Southern Rwy Co	Passanger transportation	16.40 18.50
	Norfolk and Washington Steamboat Co	do	17.50
	Pennsylvania R. R. Co	do	28.45
	do	do	15.55
2	W. A. Taylor	Expenses	16.50 2.00
	W. S. Shutz	Repairs to camera	. 70
1	Southern Rwy. Co	Passenger transportation	. 70 17. 50 6. 50
	Central R. R. Co. of New Jersey	do	6.50
2	Schneider Bros	Psychrometers	7.50
	F I Prodlov	Poore	1.50 111.85
	A. Hoover	Apples	34.20
	Chas. Hoffman	do	24.40
3	Chas. Hoffman G. B. Brackett et al	Salaries.	1,926.36
			0. 220.00
	Total first quarter		6,759.36
Oct.	G. B. Brackett	Traveling expenses	27.54
	Underwood Typewriter Co	Typewriter	87 50
1	Woodward & Lothrop	Desk and screen	32.25
	G. Harold Powell	Desk and screen Traveling expenses Bowls and cups	42.73
1	Dulin & Martin Co.	Bowls and cups	1.01 4.50
	R P Andrews & Co (Incorporated)	Fruit wrans	10.00
1	Church & Stephenson	Herbarium paper Fruit wraps Lumber. Card section.	8.50
2	Yawman & Erbe Manufacturing Co	Card section	9.00
	do	Cards	
$\frac{2}{2}$	2 Theodor Leonhard	Beeswax Prints Traveling expenses	13.50
2	7 H P Could	Traveling expenses	1.06 170.40
2	W. B. Moses & Sons	Chairs	4.00
	W. K. Wonders	Chairs. Traveling expenses. Passenger transportation.	57.08 10.16
3	Baltimore and Ohio R. R. Co	Passenger transportation	10.16
	O Woodward & Lothrop G. Harold Powell Dulin & Martin Co. E. Morrison Paper Co. R. P. Andrews & Co. (Incorporated) Church & Stephenson Yawman & Erbe Manufacturing Co. do Theodor Leonhard E. J. Pullman H. P. Gould W. B. Moses & Sons W. K. Wonders Baltimore and Ohio R. R. Co. New York Central and Hudson River R. R. Co.	do	18.10
	G. B. Brackett et al.		2,012.05
Nov.	David Griffiths	Salary	450.00
	S. H. Fulton	Traveling expenses	15.00
	do	Salaries Salary Traveling expenses do do do do Fruit wraps do Paper Crates Thermometers Annles	59.05 22.58
1	R P Andrews & Co (Incorporated)	Fruit wrans	46.00
-	do.	do	2.40
2	0 J. G. Elbs	Paper	13.08
	F. L. Bradley	Crates	5.05
	The Draper Manufacturing Co	Thermometers	50.00
	G. P. Miller	do	62.00 71.00
	4 David Griffiths. 5 S. H. Fultondo G. Harold Powell R. P. Andrews & Co. (Incorporated) J. G. Elbs F. L. Bradley The Draper Manufacturing Co. Samuel H. Derby G. P. Miller A. A. Boggs Geo. C. Husmann F. A. Salisbury. Frank B. Read W. H. Hart	Thermometers Apples do do Traveling expenses Apples Fruit wraps, etc Apples Shooks Carbon bisulphide Fruit Express charges Fruit Freight charges Traveling expenses Salaries Prints do	7.50
2	Geo. C. Husmann	Traveling expenses	281.12
	F. A. Salisbury.	Apples	281. 12 34. 75 17. 80
2	W. H. Hart	Apples	21.00
-	3 W. H. Hart. Montgomery Door & Box Co Queen & Co. (Incorporated). J. H. Hale.	Shooks	467.90
	Queen & Co. (Incorporated)	Carbon bisulphide	232.50
	J. H. Hale	Fruit	232, 50
	do	Express charges	11.90 246.00
	dec. 1. I owen	Freight charges	4.19
3	0 G. Harold Powell	Traveling expenses	40.01
_	G. B. Brackett et al.	Salaries	1,948.40
Dec	J. H. Hatedo Geo. T. Powelldo G. Harold Powell G. B. Brackett et al. 1 E. J. Pullman	Printsdo	1.28 4.30
	do	Plates	11.09
	2 Yawman & Erbe Manufacturing Co	Guides	16.25
	Fred. L. Bradley	Apples	18.50
	Western Electric Co	Thermometer coils	9.00
	Tohn A Monor	Colls	18.50 3.00
	JUHL A. WAIRLY	Tacking mult	19.50
	Eimer & Amend		
	Eimer & Amend Randolph Paper Box Co	Cases	23.00
	do Delano & Moore Yawman & Erbe Manufacturing Co. Fred. L. Bradley. Western Electric Codo. John A. Maney. Eimer & Amend. Randolph Paper Box Co. S. H. Derby. H. L. Price O. M. Taylor	Cases	23.00 12.58 9.23

Dat	e.	Name.	Nature of payment.	Total.
1000		,		
1903 Dec.		F. M. Soper	Apples	\$11.00
		G. G. Hitchings	do	\$11.00 57.98
		T. A. Farrand	Cranbarries	4.87
		W. T. Mann	Apples.	52.50 23.75 18.00
	5	Giddings & Steele	Carpet	18.00
	8	do	do	27. 50 25. 65
		Seaboard Air Line Rwy	do	14.70 1.04
	11 14	The Geo. W. Knox Express Co	Dosk etc	1. 04 20. 92
	14	S. H. Derby	Apples	442.00
	17	Rudolph. West & Co	Drawer pulls	. 45 140. 14
	18	J. H. Hale Central R R Co of New Jersey	Passenger transportation	140. 14 6. 50
	10	Lehigh Valley R. R. Co.	do	13.43
	- 3	Michigan Central R. R. Co	do	13.43 9.76
•		New York Central and Hudson River R. R.	do	11. 07 10. 25
		F. M. Soper G. G. Hitchings T. A. Farrand E. H. Durell W. T. Mann Giddings & Steele Southern Rwy. Codo Seaboard Air Line Rwy The Geo. W. Knox Express Co Woodward & Lothrop S. H. Derby Rudolph, West & Co J. H. Hale. Central R. R. Co. of New Jersey Lehigh Valley R. R. Co. Michigan Central R. R. Co. do New York Central and Hudson River R. R. Co.	,	20.20
	21	S H Derby	Apples	
	29	Rothwell & Co	do	106.30 12.00 8.75
		Baltimore and Ohio R. R. Co. S. H. Derby Rothwell & Co. Yawman & Erbe Manufacturing Co. G. B. Brackett et al.	Cards.	8.75
	31	G. B. Brackett et al.	Salaries	2,016.41
		Total second quarter		9,817.62
1904				
Jan.	6	G. Harold Powell.	Traveling expenses	11. 20
		S. H. Fulton	do	11. 20 11. 75
	12 15	The Washington Market Co	Storage fruits	4.90
	16	W. H. Hart	Apples	21. 13 49. 19
		J. P. Friez	do Storage fruits	49. 19 ·8. 25
		W. M. Munson	Boxes	2.80
		G. Harold Powell S. H. Fulton The Washington Market Co. G. Harold Powell W. H. Hart. J. P. Friez W. M. Munson. Draper Manufacturing Co. Wm. A. Taylordodo. Mackall Bros. Adams Express Co Buffalo Cold Storage Co. Ellwanger & Barry Geo. P. Hall & Son W. K. Wonders New York Central and Hudson River R. R. Co.	Boxes Thermometers Traveling expenses Expenses	50.00 138.95 26.02
		do	Expenses	26.02
	18	Adams Express Co	Transportation	1. 65 14. 00
		Buffalo Cold Storage Co.	Cartage	7.21 18.25
		Ellwanger & Barry	Pears.	18. 25
	20	W. K. Wonders	Chemicals Transportation Cartage Pears Photos and slides Traveling expenses Passenger transportation	11.00
	25	New York Central and Hudson River R. R.	Passenger transportation	11.60 17.22
				7.10
		Steamship Co.		7.10
		The Wabash R. R. Co	do	7.00
		rennsylvania R. K. Co	dodo.	33.95 14.88
		Steamship Co. The Wabash R. R. Co. Pennsylvania R. R. Co. do.	do	14.88 43.78 11.20
		The Mechan & Cong (I	do	11.20
	26	Woodward & Lothrop	Clock	. 49 5. 50 2. 75
	26 27	dododo Thos. Meehan & Sons (Incorporated) Woodward & Lothrop Lamb & Tilden Rothwell & Co. Theodor Leonhard S. H. Fulton G. B. Brackett et al Edw S. Schmid	Wheel for dater, etc	2.75
	29	Rothwell & Co	Storage apples	83. 63 27. 00
		S. H. Fulton	Traveling expenses	16.85
777 - 1-	31	G. B. Brackett et al.	Salaries	2, 110, 45
Feb.	3 4	G C Husmann	Lapels	5.00 34.40
	9	E. J. Pullman	Prints	3.04
	11	G. Harold Powell	Traveling expenses	3.04 79.02
	12 13	W. K. Wonders	Traveling expenses	10. 50 16. 86
	13 17	Baltimore and Ohio R. R. Co	Passenger transportation	3. 61 19. 50
	18	Pennsylvania R. R. Co	do	19.50
		S. H. Fulton	Traveling expenses	7. 50 15. 70
	27	Western Union Telegraph Co	Telegraph service	15.70 47.73
Mar.	29 5	G. B. Brackett et al.	Salaries	1,976.60 9.00
mai.	11	G. Harold Powell	Traveling expenses	124.79
		Postal Telegraph Cable Co.	Telegraph service	124.79 5.43
	17	G. B. Brackett et al. Edw. S. Schriid. G. C. Husmann E. J. Pullman G. Harold Powell. Yawman & Erbe Manufacturing Co. W. K. Wonders. Baltimore and Ohio R. R. Co. Pennsylvania R. R. Co. Chicago and Alton Rwy. Co. S. H. Fulton. Western Union Telegraph Co. G. B. Brackett et al. Yawman & Erbe Manufacturing Co. G. Harold Powell. Postal Telegraph Cable Co. Western Cold Storage Co. Baltimore and Ohio R. R. Co. Houston and Texas Central R. R. Co. Gulf, Colorado and Santa Fe Rwy. Co.	Storage	16. 71 17. 50
	7.1	Houston and Texas Central R. R. Co	do	7.90
		Gulf, Colorado and Santa Fe Rwy. Co	do	3.90

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 18 21	Pennsylvania R. R. Co. Merchants' Refrigerating Co.	Passenger transportation	\$26.00 18.50
22	G. H. Powell		69, 95
24	United States Express Co. Draper Manufacturing Co	Transportation	4.45
29	The Hammond Typewriter Co	Stencil paper	4.62 5.15
	The Hammond Typewriter Co. Barber & Ross. J. B. Brackett et al.	Transportation Charts, etc. Steneil paper Copper wire Salaries	1.30
31	J. B. Brackett et al	Salaries	2, 119. 21
	Total third quarter		7,423.57
Apr. 4	S. H. Fulton	Traveling expenses	14.60
6	S. H. Fulton G. H. Powell Western Cold Storage Co. Schneider Bros The Draper Manufacturing Co. Henry J. Green Queen & Co. (Incorporated). Blue Line Transfer Co. R. P. Andrews & Co. W. B. Moses & Sons	do	12.60
12	Western Cold Storage Co	Psychrometers	12.70 10.50
	The Draper Manufacturing Co	Thermometers	100.00
	Henry J. Green.	do	32.00
14	Rhie Line Transfer Co	Transportation	12.00 7.75 2.34
1.	R. P. Andrews & Co.	Bags.	2.34
10	W. B. Moses & Sons W. P. Corsa E. Morrison Paper Co	Shades Traveling expenses Bristol board	2.08 7.37
18	W. P. Corsa E. Morrison Paper Co	Bristol hoard	3.00
	Delano & Moore.	Photo supplies	7.02
19	Julien P. Friez	Thermometer supports	6.80
20	Delano & Moore Julien P. Friez Pennsylvania R. R. Codo	do	58.30 20.00
	Seaboard Air Line Rwy. Co	do.,	25.80
	Washington Southern Rwy. Co	do	24.35
	The Pullman Co	do	3.00 18.00
	The Atchison, Topeka and Santa Fe Rwy. Co.	do	61.50
	Southern California Rwy. Co	do	3. 15 8. 55
	do. Seaboard Air Line Rwy. Co Washington Southern Rwy. Co Missouri, Kanasa and Texas Rwy. Co. The Pullman Co. The Atchison, Topeka and Santa Fe Rwy. Co. Southern California Rwy. Co. do. Lehigh Valley R. R. Co. Georgia R. R.	do	7.00
	Georgia R. R. G. H. Powell G. B. Brackett et al Remington Typewriter Codo	do	8.58
22 30	G. H. Powell	Traveling expenses	13. 90 2, 035. 34
May 6	Remington Typewriter Co.	Tabulator	18, 00
10	do	do Traveling expenses Salaries Tabulator Repairs to typewriter Shelters Camera case	6.45
12 13	J. E. Turton Jas. S. Topham	Camera case	10.00
16	S. H. Derby		13.60
18 26	Pennsylvania Co	Passenger transportation	17.50 95
	S. H. Derby Pennsylvania Co Baltimore and Ohio R. R. Co. D. D. Black C. H. Benzell	Transportation Lemons Traveling expenses do Salary Salary	. 95 2. 63
27		Traveling expenses	17. 16 9. 75
	do Isaac Clinkett G. B. Brackett et al	Salary	34.50
	G. B. Brackett et al.	Salalies	2, 137. 70 20. 00
June 2	M. B. Waite	Peaches Storage.	74.00
ű	The Fred. Macey Co	Sections.	28.00
	Theo. Leonhard	Beeswax	27.00
	M. B. Waite Merchants' Refrigerating Co The Fred. Macey Co. Theo. Leonhard Jas. B. Lambie Co. Densmore Typewriter Co Delano & Moore. Buffalo Cold Storage Co. Adams Express Co. do.	Hardware Repairs to typewriter Supplies	3.49 7.50
	Delano & Moore	Supplies	8.71
	Buffalo Cold Storage Co	Freight Transportation do	31.74 2.05
	do	do	4, 80
	do	do	5, 60
	dodo	do	3.55 1.50
	do	do	3.55
	C P Millor	Annice	19.00 54.14
	dododo	do do Transportation	2.75
	United States Express Co	Transportation	1.00
	Yawman & Erbe Manufacturing Co	Cases	11.25
6	Western Union Telegraph Co.	Service.	. 90 8. 19
8	H. P. Gould	Traveling expenses	66.32
20	W. K. Wonders	Thermographs	30.75 150.00
24	do. United States Express Co	Traveling expenses	214. 13
27	G. H. Powell. Dulin & Martin. R. L. Anderson.	Cotton. Service. Traveling expenses	214.13 27.82 1.29
29	R. L. Anderson	Dishes Berries	65, 12
	Delano & Moore C. A. Muddiman & Co		7.28
	C. A. Muddiman & Co	Gas range	3.75

Da	te.	Name.	Nature of payment.	Total.
190				
June 29		The Draper Manufacturing Co	Charts	\$9.0
		Merchants' Refrigerating Co	Storage, etc.	97.9
	00	Fabian Garcia	Specimens	13.9
une	30	Fabian Garcia.  Isaac Clinkett G. B. Brackett et al.	Specimens Salary Salaries	39.0 2,342.9
	- (	Total fourth quarter		8, 210. 3
		Supplemental.	=	
aly	2		Salary	148.3
113	6	David Griffith S. H. Fulton Geo. C. Husmann H. P. Gould	Traveling expenses.	9.7
	•	Geo. C. Husmann	do	9.7
	7	H. P. Gould	do	1. 1
		do	do	62.5
	9	do W. A. Taylor. G. H. Powell. W. S. Sheetz.	Expenses.	60.8
	14	G. H. Powell	Traveling expenses	24. 9 49. 4
	18	W. S. Sheetz	Camera etc	10.0
		Western Union Telegraph Co	Service	10.0
	19	J. G. Elbs	Boards.	13.7
		J. P. Friez	Camera, etc. Service. Boards. Thermograph forms. Cases.	4. 8
		The Fred. Macey Co. (Limited)	Cases	28.0
		J. S. Sheetz, J. P. Friez. The Fred. Macey Co. (Limited).	uO	30.
				48.
	20	Rueckheim Bros. & Erkstein R. P. Andrews & Co. (Incorporated)	Paraffin paper	4. 21.
	20	R. P. Andrews & Co. (Incorporated) R. L. Anderson Jno. K. Brown J. A. McDonald & Co. Geo. F. Muth & Co. Woodward & Lothrop Jas. Ward G. T. Wade	Fruit wraps Raspberries do Lathes	16.
		Ino K Brown	do	5.
		J. A. McDonald & Co	Lathes	22.
		Geo. F. Muth & Co.	Plaster	2.
		Woodward & Lothrop	Desk, etc.	63.
		Jas. Ward	Cherries	13. 33.
		G. T. Wade	Raspberries.	33.
	00	do do	Strawberries	28.
	23	Poppeylyopio P P Co	Passanger transportation	121. 32.
		do	do	20.
		do	do	22,
		Washington Southern Rwy. Co	do	24.
	30	Lehigh Valley R. R. Co	do	9.3
ıg.	. 1	S. H. Fulton	Traveling expenses	12.0
	0	Geo. C. Husmann	Expenses	29.
	2 3	P. Harrie & Co	Pitcher	7.8
	U	Potomac Electric Power Co	Lamps	9.
		National Electric Supply Co	Shade holder	1.
		M. Du Perow	Supplies	9.4
		E. G. Shafer & Co	Material	19. 7. 16.
		W. H. Dyer.	Supplies	7.
	4	South Side Manufacturing Co	Penel-and corriers	16. 82.
	16	Clark & Davennort	Bookcase	19.
	10	do.	Linoleum	344.
		do. do. do. Washington Southern Rwy. Co. Lehigh Valley R. R. Co. S. H. Fulton. Geo. C. Husmann P. H. Rolfs. R. Harris & Co. Potomae Electric Power Co. National Electric Supply Co. M. Du Perow E. G. Shafer & Co. W. H. Dyer W. B. Moses & Sons South Side Manufacturing Co. Clark & Davenport. do. do. do.	Rubber	35.
			Supplies	41.
	27	Barber & Ross F. C. Bancroft	do	104.
	17	F C Reperoft	Chest handles Transportation	26.
			Electric supplies	26. 16.
		Delano & Moore	Supplies	25.
		Geo. F. Muth & Co	Paint	
	10	Delano & Moore.  Geo. F. Muth & Co. Woodward & Lothrop.	Screens	134.
	18		Corrugated board	34.
		Mullen Brog Pener Co	Barry hoves	68.
		The Hale Georgia Orchard Co	Transportation Electric supplies Supplies Paint Screens Corrugated board Express charges Berry boxes Fruit boxes Sections	2. 487.
		Yawman & Erbe Manufacturing Co.	Sections.	45.
		do	do	19.
		dodoEstate of F. B. Read	do	18.
		Estate of F. B. Read	Peach cushion	10.0
				2. 22.
	26	Western Union Telegraph Co	Wire	22.
	26 29	The Okonite Co. (Limited). Western Union Telegraph Co. California Fine Fruit Co.	Wire Service Fillers, etc.	1.
	29	camornia Fine Fruit Codo	do	36.0 207.7
		do W. Silas Sheetz Thos. Somerville & Sons	Laboratory stand	48. (
		(D) O	Pipe, etc.	71.

Date.	Name.	Nature of payment.	Total.
1904. Aug. 29	Supplemental—Continued.  United States Express Codo. Washington Market Co.	do	\$6.45 2.30 56.95
Sept. 7 19	Woodruff Manufacturing Co. Yawman & Erbe Manufacturing Co. H. von Luttichan. Pennsylvania R. R. Co. Baltimore and Ohio R. R. Co.	Herbarium cases Sections Expenses Passenger transportation do do	156. 00 40. 00 50. 00 7. 80 77. 00 31. 50
20	W-at-ma Thai-a M-1-ma-h C-	do d	23.00 5.50 17.50 15.25 3.16 19.25 27.00 6.85 .80 9.04 1.76 30.00
24	Western On Telegraph Co.  do. Columbia Art Glass and Mirror Works C. Engle's Sons The Hale Georgia Orchard Co. Baltimore and Ohio R. R. Co. H. von Luttichan.	Mirrors. Oranges Peaches Passenger transportation.	51. 25 14. 00 1. 30 313. 50 11. 75 42, 40
	Total		4,028.75

#### RECAPITULATION.

First quarter Second quarter Third quarter Fourth quarter Supplemental	0 817 62
Total	36, 239, 62

#### POMOLOGICAL INVESTIGATIONS—PAID BY TREASURY.

Date.	Name.	Nature of payment.	Total.
1904. Jan. 14 Feb. 17	Baltimore and Ohio R. R. Co The Atchison, Topeka and Santa Fe Rwy. Co. Southern Pacific Co do do Total.	dodo	\$81.58 9.50 3.00 62.45 2.65 159.18

#### BOTANICAL INVESTIGATIONS AND EXPERIMENTS.

1903. July 15 29 31 Aug. 14 17 20 21	G. W. Moss Edw. Palmer F. V. Coville et al F. V. Coville of al John Chatillon & Sons Merck & Co Delano & Moore James S. Topham M. Lindsay Rubber Co Capital Traction Co do K. Kneessi's Sons	Balances. Chemicals Photo. supplies Brief case Boots. 240 car tickets. 120 car tickets. Satchel	\$118. 35 167. 60 3, 112. 63 61. 41 3. 03 23. 50 202. 31 8. 00 4. 50 10. 00 5. 00 2. 50
	do K. Kneessi's Sons	120 car tickets	2.50
	Washington Wood-Working Co M. G. Copeland Co.	Molding	8.00 1.00 15.75

Dat	te.	Name.	Nature of payment.	Total.
190	19	_		
Aug.		American Writing Machine Co	Paper	\$28.50
1148		Conrad Becker	Oiling saddles	1.50
	25	American Writing Machine Co Conrad Becker Bausch & Lomb Optical Co Eimer & Amend	Field glass Cork borers	30.00
				15.65 12.80
		Rudolph, West & Co Mackall Bros W. W. Rowlee	Hinges, etc. Carboy, etc. Negatives, etc.	12.00
		Mackall Bros	Carboy, etc.	12.00 2.26 16.80
	26	W. W. Rowlee Carrie Stake	Negatives, etc	16.80 8.00
		Fred. C. White	Cloth sacks Demijohns Brooms	20.00
	27	Fred. C. White.  Jas. B. Lambie.  do	Brooms	3.18
		do	Glue	2.50
		W. B. Moses & Sons E. G. Schafer & Cododo	Chair	3, 75 13, 31
		do	Pipe, etc	12.34
~ .	31	F V COVIDE et al	Salaries	3,116.73
Sept.	3 4	L. H. Dewey D. C. Paper Manufacturing Co. Washington Gaslight Co. Potomae Electric Power Co.	Traveling. Blotting paper. Gas.	117. 17 9. 00
	4	Washington Gaslight Co	Gas	5. 10
		Potomac Electric Power Co	Electric current	22.60
	10			20.85
		U. S. Envelope Co Mallinckrodt Chemical Works	Chemicals	8.00 4.22
				2.75
		T. R. Riley	Laths	1.98
		Barber & Ross	Elbow catches	1.80 1.20
		Hugh Keilly T. R. Riley Barber & Ross Queen & Co. (Incorporated) Whitall, Tatum Co. J. B. Lambie Co. (Incorporated) Carrie Stake Woodward & Lothrop Z. D. Gilman The M. Lindson Pubber Co.	Spatulas, etc	1.20 .84
		J. B. Lambie Co. (Incorporated)	Brads	. 24
		Carrie Stake	Sacks	20.85
		Woodward & Lothrop	Stand Chemicals, etc	5.00 4.95
			Boots	4.50
		E. Morrison Paper Co Henry Heil Chemical Co	Boots Fountain pen Vaseline, etc	5.00
		Henry Heil Chemical Co	Vaseline, etc	. 99
		E G Schafer & Co	Tape measure	. 90
	11	H. S. Conard	Gas hose cocks	60.00
		Rudolph, West & Co E. G. Schafer & Co H. S. Conard Woodruff Manufacturing Co	Notes on plants Sections Making prints Numbering machine. Isinglass. Balances Traveling expenses	26.00
			Making prints	20.00
		Seabury & Johnson	Tsinglass	13.72 7.50
		Lamb & Tilden. Seabury & Johnson. Jno. Chatillon & Sons.	Balances	3.03
	7.4	C. V. Grant E. V. Wilcox W. O. Richtmann E. Brown	Traveling expenses	89. 23
	14	W O Richtmann	do do	115. 15 57 41
	18	E. Brown	do	57.41 20.90
		Delano & Moore Pennsylvania R. R. Co Ballantyne & Sons	rhoto, supplies	52.25
	21	Pennsylvania R. R. Co.	Passenger transportation	21.00
	21	Church & Stephenson.	Fountain penLumber	3. 50 119. 70
		do	do	3.52
		Thos. Somerville & Sonsdo	Nipples, etc Valves, etc Cards	13.68
		Library Rureau	Valves, etc	4.01 2.25
		C. D. Brereton	Making prints	15.00
	22	Library Bureau C. D. Brereton R. H. True. Z. D. Gilman	Making prints. Traveling expenses Rubber gloves, etc.	89.86
	24	Z. D. Gilman	Rubber gloves, etc	4.45
	30	Eimer & Amend F. V. Coville et al.	Chemicals Salaries	3.52 2,968.23
	- 0			
		Total first quarter	•••••	10,995.42
Oct.	2	S. C. Scofield	Salary	146.80
200	3	Delano & Moore	Photo. supplies	10.99
	6	H. T. Marshall	Photo. supplies	10.99 125.00
	10	Potomac Electric Power Co	Electric current	17.32
		do	dasdo	2.80 4.30
		Potomac Electrical Power Co. Z. D. Gilman	do	16.99
		Z. D. Gilman	Tubing Cards and folders Repairing case Scale	1.92
		Woodruff Manufacturing Co. Ernest Betz.	Cards and folders	10.25
	12	Efficies Belze Barber & Ross Chas. R. Edmonstondo E. Morrison Paper Co Yawman & Erbe Manufacturing Co. F. W. Bolgiano & Co.	Scale.	.50 9.62
		Chas. R. Edmonston	Spittoons	2.50
		F. Manuican Danas Co	Jars. Memorandum books	6.60
		Yawman & Erbe Manufacturing Co	Memorandum books	2.00 1.75

Date.	Name.	Nature of payment.	Total.
1903.		•	
Oct. 12	Brentanos	Ink	\$1.50 2.74 12.00
	Johnson Bros	Wood	2.74
	Johnson Bros. The Mathy Co. (Incorporated). Henry J. Green. Thos. Somerville & Sons. Fred. A. Schmidt.	Wood. Tin boxes. Thermometer.	12.00
14	Henry J. Green	Thermometer	3, 50
	Thos, Somerville & Sons	Sinks, etc. Drawing paper.	22.70 6.90
	do	do	0.90
	Fred Carl	Making motor goar	3.50 6.00
	The Chesapeake and Potomac Telephone Co.	Telephone service	2, 50
	Delano & Moore	Photo, supplies	2.50 62.63
21	Mallinckrodt Chemical Works	Sodium	2,00
	Bausch & Lomb Optical Co	Triplet	5.36 25.00
22	C. E. Brereton	Bromide prints	25.00
	do	do	7.00
02	Williams, Brown & Earle	Meter.	. 45 86. 25
23	Edger Proyer	Traveling expenses	10.60
31	Oregon Short Line R R Co	Passanger transportation	7 60
91	The Chesaneake and Ohio Rwy Co	do	7. 60 136. 85
	Baltimore and Ohio R. R. Co	do	25.00
	International Merchant Marine Co	do	100.00
	Thos. Cook & Son	do	129.20
	Chicago, Milwaukee and St. Paul Rwy. Co	do	7.50
	Southern Rwy. Co	do	129. 20 7. 50 18. 80
	Fred. A. Schmidtdo. Fred. Carl. The Chesapeake and Potomac Telephone Co. Delano & Moore Mallinckrodt Chemical Works. Bausch & Lomb Optical Co. C. E. Breretondo. Williams, Brown & Earle Vermont Farm Machine Co. Edgar Brown. Oregon Short Line R. R. Co. The Chesapeake and Ohio Rwy. Co. Baltimore and Ohio R. R. Co. International Merchant Marine Co. Thos. Cook & Son Chicago, Milwaukee and St. Paul Rwy. Co. Southern Rwy. Co. Southern Rwy. Co. F. V. Coville et al. H. T. Marshall C. S. Scofield E. Brown.	Salaries	3,032,22
Nov 3	H. T. Marshall.	Salary	125, 00 151, 60
	C. S. Scoffeld	do	
4	E. Brown District of Columbia Manufacturing Co W. O. Richtmann R. H. True	do Expenses Blotting paper Traveling expenses Expenses do Scrap books Chemicals do Sacks	52, 16
13	W O Pichtmann	Traveling expenses	9.00
14 18	R H True	Expanses	75.91 4.18
10	do	Traveling expenses	3. 15
	do	do-	10.80
20	Robert Smith Printing Co	Scrap books	8.00
21	Mackall Bros	Chemicals	3.86
	do	do	11. 19 9. 25
23	Carrie Stake	Sacks	9, 25
07	Bausch & Lomb Optical Co	Laboratory supplies	235, 98
27	U. S. Scoffeld	Traveling expenses	5.90 117.89
30	F V Coville et el	Colorino	9 999 59
Dec. 1	D. of C. Paper Manufacturing Co.	Rlotting namer	2,888.53 '9.00
200. 1	F. W. Bolgiano & Co	Boxes, etc.	26.00
	M. Du Perow	Plugs	26.00 1,20
	Remington Typewriter Co	Card attachment	2.45
	Z. D. Gilman	Apparatus	5.70
	Potomac Electric Power Co	Electric current	17.35
	The Chesapeake and Potomac Telephone Co	Telephone service	. 65 23. 75
	Wm Dallantina & Con	Dan etc	20.70
	Denemore Typewriter Co	Panaire	2, 95 5, 31
	James R. Lambie Co. (Incorporated)	Hardware	2 12
	Washington Gaslight Co	Gas	2.12 6.80
	E. Brown District of Columbia Manufacturing Co. W. O. Richtmann R. H. True	Paper	3.20
	Thos. Somerville & Sons	Brackets	. 80 28. 00
	Delano & Moore	Camera	28.00
	T. G. G. 1. for f. G.	Photo. supplies	$64.04 \\ 1.71$
^	E. G. Schafer & Co	Yours supplies	1.71
2	Oueon & Co (Incorporated)	Tubes etc	.40
	Library Rureau	Pamphlet cases	. 40 7. 80
	Whitall Tatum Co	Tare etc	13.75
	Hubbard Heating Co.	Diaphragm	1.00
	Joseph Di Giorgio & Co	Bananas	1.25
	L. Johnson	Caning chairs	1.25 1.70
	Fred. A. Schmidt	Pencils	1.90
	John B. Espey	Cans	2.35
	The Mathy Co. (Incorporated)	Tin boxes	34.00
	C. E. Brereton.	Time	5. 28 1. 50
	Theodor Holm	Drawings	15.00
	Bausch & Lomb Ontical Co	Forcens	4,80
	dodo	Grinding razor	. 50
	Randolph Paper Box Co	Cases	. 50 9. 75
5	Harry T. Marshall	Traveling expenses	107.43
5 7	Edgar Brown	do	26.00
8	C. S. Scofield	Salary	146.80
	Union Pacific R. R. Co	Passenger transportation	32.30
	141 41 0 4 7 2 7 7 7		6.35

Date.	Name.	Nature of payment.	Total.
1903.			
ec. 8	Southern Rwy. Co. Pennsylvania R. R. Co. Champlain Transportation Co. Northern Pacific Rwy. Co. R. P. Andrews & Co. (Incorporated) Ivar Tidestrom Z. D. Gilman Rudolph, West & Co. The Geo. W. Knox Express Co. E. Morrison Paper Co. Woodward & Lothropdo J. W. T. Duvel The Chas. Wilms Surgical Institute Co. Eimer & Amend. Henry Heil Chemical Co. Denver and Rio Grande R. R. Cododododo	Passenger transportation	\$20.5
	Pennsylvania R. R. Co.	do	28.5
	Champlain Transportation Co	do	13.3
10	Northern Pacific Rwy. Co	do	58.0
10	Lyor Tidestrom	Traveling expenses	7 9
11	Z D Gilman	Slides	4.3 7.3
	Rudolph, West & Co	Hardware	9. (
	The Geo. W. Knox Express Co	Transportation	
14	E. Morrison Paper Co	Paper	4.4
14	do	Jars	2.
15	J. W. T. Duvel	Traveling expenses	13. 173. 3.
16	The Chas. Wilms Surgical Institute Co	Sharpening tools	3.
17	Eimer & Amend	Sieve	1.
18	Denver and Rio Granda R R Co	Transportation	42.
10	do	Passenger transportation	10.
	Great Northern Rwy. Co. Michigan Central R. R. Co. Chicago, St. Paul, Minneapolis and Omaha	do	35.
	Michigan Central R. R. Co.	do	35. 7. 12.
			12.
	Rwy. Co.	do	4.
	do.	do	- 8,
	Co. Norfolk and Washington, D. C., Steamboat	do	3.
	Oregon Short Line R. R. Co	do	33.
	do	do	26. 59.
	Norfolk and Washington D. C. Steamhoot	do '	99. 8.
	Co.		0,
	Rutland R. R. Co.	do	14.
19	Rutland R. R. Co. Church & Stephenson. Delano & Moore. Bausch & Lomb Optical Co. L. H. Dewey.	Lumber	12.
21	Delano & Moore	Photo. supplies	20.
28	L. H. Dowey	Triplet	5. 17.
29	Cambridge Botanical Supply Co	Label holders	1.
	Mallinckrodt Chemical Works.	Label holders	2.
	Mackall Bros	do. Salaries.	10.
	Delano & Moore.  Bausch & Lomb Optical Co. L. H. Dewey. Cambridge Botanical Supply Co. Mallinckrodt Chemical Works.  Mackall Bros. F. V. Coville et al.	Salaries	2,956.
	Total second quarter		12,060.
1904.			
n. 2	C. S. Scofield C. J. Brand Harry A. Marshall	Salary	151.
5	C. J. Brand	Traveling expenses	13.
6	Harry A. Marshall	Traveling expensesdo	1. 14.
7	Edgar Brown. Washington Gaslight Co Potomac Electric Power Co	Gas	13
	Potomac Electric Power Co.	Gas Current	13. 28.
	Jno. C. Parker	Clips, etc.	8.
4.0	Guy N. Collins	Traveling expenses	10.
16	Jno. C. Parker Guy N. Collins Herman Kohlbusch Henry Heil Chemical Co.	Clips, etc. Traveling expenses Aluminum Pippettes, etc.	2.
	Edgar Brown	Expenses	101.
	do	do	23.
	V. K. Chesnut	Traveling expenses	2. 30.
10	F. J. Tyler	do	30.
18	Barber & Koss	Pitcher and basin	1.
	Z. D. Gilman	Бирриеs	36. 1.
	W. B. Moses & Sons.	Chairs.	16.
	Lansburgh Bros	Cloth	3.
19	Rochester Optical Co.	Repairs to camera	
	Oueon & Co. (Incorporated)	Chemicals etc	
21	W. W. Stockberger	Traveling expenses	9. 8.
25	Northern Pacific Rwy. Co.	Passenger transportation	4.
	New York, New Haven and Hartford R. R. Co	do	16.
	Burlington and Missouri River R. R	do	11.
	Pennsylvania Co	do	8. 47.
	Washington Southorn Dever Co	do	2.
	Washington Southern Rwy. Co		
	Washington Southern Rwy. Co	do	8
	Washington Southern Rwy. Co Norfolk and Southern Rwy. Co Chicago, St. Paul, Minneapolis and Omaha Rwy. Co.	do	
	Washington Southern Rwy. Co. Norfolk and Southern Rwy. Co. Chicago, St. Paul, Minneapolis and Omaha Rwy. Co. Pennsylvania R. R. Co.	do	24.
	Herman Kohlbusch Henry Heil Chemical Co. Edgar Brown do V. K. Chesnut F. J. Tyler. Barber & Ross Delano & Moore. Z. D. Gilman W. B. Moses & Sons Lansburgh Bros Rochester Optical Co. Arthur H. Thomas Co. Queen & Co. (Incorporated) W. W. Stockberger. Northern Pacific Rwy. Co. New York, New Haven and Hartford R. R. Co Burlington and Missouri River R. R Pennsylvania Co. Washington Southern Rwy. Co. Norfolk and Southern Rwy. Co. Norfolk and Southern Rwy. Co. Chicago, St. Paul, Minneapolis and Omaha Rwy. Co. Pennsylvania R. R. Co.	do	24.9 17.
	Washington Southern Rwy. Co. Norfolk and Southern Rwy. Co. Chicago, St. Paul, Minneapolis and Omaha Rwy. Co. Pennsylvania R. R. Cododo. American Flectric Co.	do	24.9 17.
	Washington Southern Rwy. Co Norfolk and Southern Rwy. Co. Chicago. St. Paul, Minneapolis and Omaha Rwy. Co. Pennsylvania R. R. Co. do. do. American Electric Co. Folmer & Schwing Manufacturing Co. Jas. S. Topham	do do do do do do Heater Lenses, etc	24.

Date.	Name.	Nature of payment.	Total
1904.			
an. 26	F. P. May & Co	Coffee mill	\$3
20	F. P. May & Co. W. H. Lowdermilk & Co.	Books	15
	Woodward & Lothrop	Chairs	15 5
	Parka Davis & Co	Chamicals	2
	Parke, Davis & Co. R. F. Metzell	Chemicals	6
	Morely & Co	Chemicals	9
	Merck & Co	Chemicals	4
	United States Bottlers Supply Co	Cases	
07	Adams Express Co. W. F. Wight. W. B. Moses & Sons. E. Morrison Paper Co. Remington Typewriter Co. The G. W. Knox Express Co. Potomae Electric Power Co. Bausch & Lomb Optical Co. E. G. Schafer & Co.	Transportation	68
27	W. F. Wight	Traveling expenses	333
	W. B. Moses & Sons	Table, etc	7
	E. Morrison Paper Co	Paper	2
	Remington Typewriter Co	Erasing shields	
	The G. W. Knox Express Co	Transportation	3
	Potomac Electric Power Co	Current	38
29	Bausch & Lomb Optical Co	Jars, etc	24
	E. G. Schafer & Co	Radiators	10
	Mackan Dros	Jars, etc	13
31	F. V. Coville et al	Salaries	3,300
eb. 1	C S Scofiold	Salary	153
2	V. K. Chesnut. Washington Gaslight Co. The Mathy Co. (Incorporated) The G. W. Knox Express Co.	Expenses	11
3	Washington Gaslight Co	Gas	10
C)	The Mathy Co. (Incorporated)	Tin boxes.	34
	The C. W. Knov Express Co.	Transportation	2
	Harris & Shafar Co	Repairs to clock	í
	Harris & Shafer Co. The Chesapeake and Potomac Telephone Co	Tolophone gowies	12
0	I Bourgarten & Con-	Telephone service	
9	J. Baumgarten & Sons. Wm. Ballantyne & Son.	Dater	1
	wm. Ballantyne & Son	Pen	2
	Garges Pharmacies	Roach food	]
	Fred A. Schmidt	Rulers	
	Geo. F. Muth & Co	Ink	2
12	Seabury & Johnson Whitall, Tatum & Co.	Isinglass	7
	Whitall, Tatum & Co	Bottles	17
17	Baltimore and Ohio R. R. Co	Passenger transportation	46
18	Illinois Central R. R. Co	do	2
	Pennsylvania R. R Co	do	28
23	Yawman & Erbe Manufacturing Co	Cupboard	7
	Whitall Tatum & Co	Bottles	(
	Whitall, Tatum & Co. Sharp & Dohme.	Apparatus	30
	Morely & Co	Chemicals	
	Merck & Co.	Dools got	1
	Kellogg Switchboard and Supply Co	Desk set	
0.4	Eastman Kodak Co.	Apron for machine	
24	Rudolph, West & Co	Shovel	(
	Woodward & Lothrop	Jars	
	Jas. B. Lambie Co.	Cotton waste	20
	Potomac Flectric Power Co	Current	39
	Lamb & Tilden.	Dater and racks	
	Washington Gaslight Co. W. O. Richtman. Western Union Telegraph Co.	Gas	13
27	W. O. Richtman	Traveling expenses	4
	Western Union Telegraph Co	Service	
29	F. V. Coville et al.	Salaries	2,998
Iar. 1	C. S. Scofield	Salary	143
2	E. W. Clagett	Radiator, etc.	
3	Thos. Somerville & Sons	Radiator, etc	19
,	J. S. Topham	Trunk	14
	C. E. Bereton		
	Clark & Davenport.	Screen.	
	Delano & Moore		4
	Delano & Moore The Geo. W. Knox Express Co.	Transportation	-
	S Venn's Sons & Co	Canton flannel	
	S. Kann's Sons & Co. American Writing Machine Co.	Dance Dance	4
4	D. F. Darek Writing Machine Co	Paper	1
	B. F. Bush	Seeds	1
	Eimer & Amend	Battery jars	
	H. Lindemeyr & Sons Henry Heil Chemical Co.	Paper	
	Henry Heil Chemical Co	Beakers, etc	
	Emil Greiner	Dishes, etc	
5	W. A. Cannon		
	P. H. Hertzog	do	6
	Library Bureau	Cards, etc	2
	Library Bureau The Okonite Co. (Limited) Queen & Co. (Incorporated)	Wire	
	Queen & Co. (Incorporated)	Alcohol	
	F. J. Sloane & Co.	Repairing microscope	1.
	The Smith Premier Typewriter Co	Repairing typewriter	-
	W I Stoole & Co		3.
	W. L. Steele & Co		0.
	J. M. Thorburn & Co	Seeds	
	Union Envelope Co	Envelopes	- 1
11	J. S. Topham	Cases	1
	J. S. Topham Woodruff Manufacturing Co	Cases, etc	1
	Yawman & Erbe Manufacturing Co	. Sections, etc	4
	Washington Gaslight Co Potomac Electric Power Co	Gas	$\frac{1}{2}$
		Current	

Da	te.	Name.	Nature of payment.	Total.
190	)4.			
Mar.	11	Church & Stephenson Capital Traction Co. W. H. Hoeke	Lumber	\$24.1
		Capital Traction Co	Tickets	2.5
		W. H. Hoeke	Sections.	25. 4
		McCauley & McGill	Gas etc	. 3 3. 0
		W. H. HOEKE POstal Telegraph Cable Co. McCauley & McGill. The Mathy Co. (Incorporated) E. Morrison Paper Co. Mackall Bros. Lenz & Lasson. Keuffel & Esser Co.	Service. Gas, etc. Copper bath. Memorandum books.	22.0
		E. Morrison Paper Co	Memorandum books	2. 2
		Mackall Bros.	Jars. Forceps.	3. 1
		Lenz & Lasson	Slides rule	3. 6
		Emil Greiner	Balance	97.0
		Eimer & Amend	Dialysers	3.0
		Arthur H. Thomas Co.	Incubators	112.5
	17	United States Express Co.	Transportation. Passenger transportation	33.4
	17	Chicago and Northwestern Rwy Co	do	19. 5 4. 0
		do	do	13.0
		R. H. True	Traveling expenses	33. 9
		Chicago, Milwaukee and St. Paul Rwy. Co	Passenger transportation	38. 6
	18	Pennsylvania R. R. Co	do	11. 0 14. 2
	19	Emil Greiner Eimer & Amend Arthur H. Thomas Co. United States Express Co. Chesapeake and Ohio Rwy. Co. Chicago and Northwestern Rwy. Co. do. R. H. True. Chicago, Milwaukee and St. Paul Rwy. Co. pennsylvania R. R. Co. do. C. J. Brand	Traveling expenses Passenger transportationdodo Traveling expensesdodo	315. 9
	22	L. H. Dewey	do	28.0
		W. R. Beattie	Photo supplies.	88. (
	0.4	C. J. Brand L. H. Dewey W. R. Beattie Delano & Moore C. F. Brogger	Photo supplies	129.
	24	C. E. Brereton Blue Line Transfer Co.	Prints Transportation Photo printing frame	3.0
			Photo printing frame	10.0
		Church & Stephenson Chas. R. Edmonston The Geo. W. Knox Express Co. Lehn & Fink	Lumber	50.0
		Chas. R. Edmonston	Bougies for filter.	2. (
		The Geo. W. Knox Express Co	Transportation Senna pods, etc	6.
		Lenn & Fink.	Office furniture	1. 41.
		United States Envelope Co	Envelopes.	5.0
		Wallace Bros. Co.	Misletoe.	4.0
	28	W. W. Tracy, jr	Misletoe Expenses	21.0
	31	C. S. Scofield	Salary	153. 3 127. 7
		Library Bureau United States Envelope Co Wallace Bros. Co W. W. Tracy, jr C. S. Scofield F. A. Walpole F. V. Coville et al	Salaries	2, 995. 0
		Total third quarter	Suluito	13,097.9
	0	*	:	
pr.	6	E. Brown	Expenses	24.9 4.9
	7	A. C. Crawford	Traveling expenses	25.
	9	R. H. True A. C. Crawford Standard Oil Co	Traveling expenses Gasoline	8. 6
		Ernest Betz Underwood Typewriter Co.	Tinning Typewriter	19. (
	11	Underwood Typewriter Co	Typewriter	87.3
	11	Rausch & Lomb Ontical Co	Expenses	14. 4 5. 5
		Havelock Cordage Co	Breaking hemp	10.
		Edgar Brown Bausch & Lomb Optical Co. Havelock Cordage Co. Folmer & Schwing Manufacturing Co. Whitall, Tatum & Co.	Expenses Triplet Breaking hemp Repairs	3. '
	12	Whitall, Tatum & Co	Tubes	2. (
		Thos Woohan & Sons	Burette stand	1. 5
		Willian, Tabullia Coo Thos. Meehan & Sons Chas. Newhaus & Co New York Botanical Gardens The Peerless Electric Co Parke. Davis & Co	Tubes. Burette stand. Seeds. Tube	15.0 1.1
		New York Botanical Gardens		2.0
		The Peerless Electric Co	Motor	11.3
	10	Parke, Davis & Co	Motor Semen Psylii Traveling expenses	1.
	13 14	W. O. Richtmann Berry Hill Mineral Water Co. Philip G. Affleck	Traveling expenses	6.
	14	Philip G Afflock	Carboys Chloride lime Straps	10.
		Conrad Recker	Straps	1. 15.
		Barber & Ross.	Shovel, etc	1.
	1	A. H. Baldwin	Drawings	6.0
		Barber & Ross. A. H. Baldwin M. G. Copeland Co. Fred Carl	Flag Cogwheel	3. 4
		M. Du Perow	Tape	1.0
		M. Du Perow The Mathy Co. (Incorporated) The M. Lindsay Rubber Co. The G. W. Knox Express Co.	11101ng	
		The M. Lindsay Rubber Co.	Boots. Transportation.	10.
		The G. W. Knox Express Co	Transportation	6.
			Luoing, etc	14. 20.
		L. S. Denue		40.
		L. S. Depue. W. H. Dver.	Stakes	10
		L. S. Depue W. H. Dyer E. S. Schmid	Stakes Rabbits, etc	10.0
		L. S. Depue. W. H. Dyer. E. S. Schmid.	Tubing, etc Hay and salt Stakes Rabbits, etc Current	10. 2. 16.
		L. S. Depue W. H. Dyer E. S. Schmid	Hay and sait Stakes Rabbits, etc Current Repairs Soap	10.

# $Expenditures \ of \ the \ Department \ of \ Agriculture \ for \ fiscal \ year \ ending \ June \ 30, \ 1904--Cont'd.$

Date.	Name.	Nature of payment.	Total.
1904.			
pr. 14	Mackall Bros	Corks	\$0.
~	do	Beakers, etc	3.
10	W. B. Moses & Sons T. B. Young. Postal Telegraph Cable Co.	Chairs	8.
16	T. B. Young	Traveling expenses	15.
18	Thos. W. Smith.	Service Pressing frames	8.
	Delano & Moore.	Photo supplies	169.
19	Torsion Balance Co	Repairs	2.
7	Mallinckrodt Chemical Works	Sodium	2.
	Queen & Co. (Incorporated)	Alcohol	ő.
	W. A. Cannon	Seed	4.
	H. H. Fisher		5. 4.
	Lemcke & Buechner United States Envelope Co.	Book. Envelopes.	4.
	H. T. Marshall	Salary.	125.
	H. T. Marshall Eimer & Amend	Chemicals	12.
20	Southern California Rwy. Co	Passenger transportation	3.
	Southern California Rwy. Co	do	16.
	Co.		
	Chicago, Milwaukee and St. Paul Co	do	27.
	do	do	33.
	The Wabash R. R. Co	do	13. 21.
	Washington-Southern Rwy Co	do	40.
	Southern Rwy. Co Washington-Southern Rwy. Co Michigan Central R. R. Co.	do	3.
	do	do	3.
	Pennsylvania R. R. Co. The Lake Shore and Michigan Southern Rwy.	do	6.
	The Lake Shore and Michigan Southern Rwy.	do	7.
	Co.	do	4.
21	F. A. Walpole	Traveling expenses	129.
21	Clark & Davennort	Linoleum	87.
22	Clark & Davenport. Chicago, Rock Island and Pacific Rwy. Co	Passenger transportation	67.
25	C. J. Brand.	Traveling expenses	67. 87.
29	L. H. Dewey	do	85.
	G. N. Collins	do	16.
00	Henry Heil Chemical Co.	Cylinders	5.
30	Somerville Bean	Salary	39. 2,827.
lay 2	F. V. Coville et al. C. S. Scofield	Salaries	2,827.
lay 2	F. A. Walpole.	Salarydo	123.
	Edward Palmer	Negatives	20.
	V. K. Chestnut	Salary	24. 7.
4	Henry J. Green. Folmer & Schwing Manufacturing Co	Thermometers	7.
	Folmer & Schwing Manufacturing Co	Repairs to camera	6.
	Emil Greiner	Graduate	2.
	J. H. Bunnell & Co	Electric supplies	3. 4.
	Bausch & Lomb Optical Co	Hydrometer	1.
	Alice Eastwood Challenge Windmill and Feed Mill Co	Mill, etc.	43.
	H. C. Davison Co.	Paper.	10.
6	Whitall Tatum Co.	Flasks, etc	9.
	J. M. Thorburn Co	Seeds	26.
	Jno. M. Snyder A. C. Rowe	Apparatus	9.
	A. C. Rowe	Fire extinguishers	24.
	Francis Miller	Glass Chemicals Typewriter, etc	7.
	Mallinckrodt Chemical Works Remington Typewriter Co Queen & Co. (Incorporated)	Typewriter, etc.	91
	Queen & Co. (Incorporated)	Dishes.	91. 3. 6.
		Spirits	6.
	The Peerless Electric Co. Mallinckrodt Chemical Works.	Motor	9.
	Mallinckrodt Chemical Works	Chemicals Photo supplies	2.
9	Delano & Moore.	Photo supplies	80.
10	O. F. Cook	Salary	206. 3.
12	Brentanos (Incorporated)	Pen. Doors.	13.
13	W. H. Dyer E. G. Schafer & Co	Valves	50.
10			4.
	Western Union Telegraph Co	Service	3.
	Thos. Somerville & Sons	Pipe	12.
	Conrad Becker	Crupper	2.
	The Cos W Know France Telephone Co.	Service	12.
	Western Union Telegraph Co. Thos. Somerville & Sons. Conrad Becker. The Chesapeake and Potomac Telephone Co. The Geo. W. Knox Express Co. Blue Line Transfer Co. Illinois Central R. R. Co. Cleveland, Cincinnati, Chicago and St. Louis	do.	3.
18	Illinois Central R. R. Co	Passenger transportation	7.
10	Cleveland, Cincinnati, Chicago and St. Louis	do	8.
	Washington Southern Rwy. Co	do	12.
	Chicago and Northwestern Rwy. Co	do	4. 8.

ite.	Name.	Nature of payment.	Total
04.			
18	Chicago, St. Paul, Minneapolis and Omaha Rwy.Co.	Passenger transportation	\$50.
	Chicago and Alton Rwy. Co.	do	20.
	Chicago and Alton Rwy. Co. Seaboard Air Line Rwy. Co.	do	5. 7.
	The Wabash Rwy. Co	do	10.
24	The Wabash Rwy. Co Edgar Brown	Traveling expenses	13.
	do	do	12.
25 26	Delano & Moore		31. 1.
20	Brentanos. Ernest Betz.		2
	J. Bishop & Co.	Tin boxes Platinum spatula	2 7
0.0	J. Bishop & Co Barber & Ross F. V. Coville et al	Platinum spatula	1
31	Harry Marshall	Salaries	3, 177 125
2	O. F. Cook	do	213
	O. F. Cook V. K. Chesnut	do	25
2	S. C. Scofield.	Danaina	153
3	R. F. Metzel E. Morrison Paper Co do	RepairsPaper	3 2
	do.	Covers	4
	do	Paper	2
	W. B. Moses & Sons.	Shades.	2
	Folmer & Schwing Manufacturing Co.	Etchings	91
	R. & J. Farquhar & Co.	Camera, etc	28
	dodoW.B. Moses & Sons The Maurice Joyce Engraving CoFolmer & Schwing Manufacturing CoR. & J. Farquhar & CoEncina Publishing CoDraper Manufacturing CoDr. Paper Manufacturing CoDr. & Paper Manufacturing CododoCalifornia Academy of SciencesNixon Brewer	Books	2
	Draper Manufacturing Co	Charts.	1
	W H Dyor	Plant dryer Stakes	14 5
	R. P. Clarke & Co.	Muslin, etc.	9
	do	do	1
	California Academy of Sciences	Catalogue	3
	Nixon Brewer.	Care of horse	3 11
	F. W. Balgiano & Co	Sage plants, etc	28
	Bausch & Lomb Optical Co.	Lens paper	
	Randolph Paper Box Co.	Cases.	6
	Rudolph, West & Co	Stocks, etc	56 2
	Queen & Co. (Incorporated)	Hinges Condenser, etc.	9
	do	Alcohol	2
	California Academy of Sciences Nixon Brewer W. At Lee Burpee & Co F. W. Balgiano & Co Bausch & Lomb Optical Co Randolph Paper Box Co Rudolph, West & Co do Queen & Co. (Incorporated) do Potomae Electric Power Co Jno. C. Parker	Current	20
	Jno. C. Parker. Nathaniel Mortar Co.	Copyholder, etc	$\frac{2}{10}$
	McCauley & McGill	Liquid gas.	2
	The Mathey Co. (Incorporated)	Tin boxes	8
	McCauley & McGill The Mathey Co. (Incorporated) K. Kneesis Sons. Yawman & Erbe Manufacturing Co.	Strap	4
	do.	Sections Cards	53
	do	Tray, etc.	5 2 1
	do	Cards	1
	Woodward & Lothrop. S. Strock & Co	Desk	51
	Thos. Somerville & Sons.	Felt. Cylinder, etc.	51 1 19
	Whitall Tatum Co	do	
	do	Tubes	5
	Fred. A. Schmidt Washington Gaslight Co Martin Wiegand	Steel tape Gas	10 12
	Martin Wiegand.	Units for cases.	247
	Emil Wellaner The Chas. Willms Surgical Institute	Kymograph	135
	The Chas. Willms Surgical Institute	Tubes, etc	5
6	Carter Rice & Co.	Cases	11 12
0	Paul Klincksieck	Books.	12
	Paul Klincksieck Woodruff Manufacturing Co.	Sections	39
			47
	Lutz & Co. The Mathey Co. (Incorporated)	Photo. cases	40 14
	do	Trays	56
	Eimer & Amend.	Apparatus	56 17
	do	Chemicals	3.
	W. H. Dyer Henry Allen	Stakes Jars, etc	3. 28
	do	Jars	5
	do Queen & Co. (Incorporated)	Flasks	1.
	National Electrical Supply Co	Fans, etc	32
	do.	doShades	21 3
	J. N. Rose	Books.	5.
	W. Silas Sheetz.	Tripods	4.

 $Expenditures\ of\ the\ Department\ of\ Agriculture\ for\ fiscal\ year\ ending\ June\ 30,\ 1904-{\rm Cont'd}.$ 

Date.	Name.	Nature of payment.	Total.
1904.			
ne 6	Max Weg L. H. Dewey. V. K. Chesnut.	Books	\$27.
8	L. H. Dewey	Traveling expenses	5. 2. 31.
	V. K. Chesnut	Expenses. Traveling expenses.	2.
11	I I. Hills	Traveling expenses Expenses Servicesdo Traveling expensesdo Grass seed. Tubing, etc Lamps Chemicals Desk fans	122.
15	J. L. Hills David Cleland. Chas. Freedman F. L. Lawton.	Services	33.
10	Chas, Freedman	do	21.
17	F. L. Lawton	Traveling expenses	21.
	A. C. Crawford Amzi Godden Co Z. D. Gilman J. H. Bunnell & Co	do	20.
20	Amzi Godden Co	Grass seed	16.
	Z. D. Gilman	Tubing, etc	5.
	J. H. Bunnell & Co	Lamps	
	Mackall Bros	Chemicals	9.
	National Electric Supply Co	Desk fans Hardware	44.
	W. D. Marca & Co	. Hardware	20.
	D. C. Papar Manufacturing Co.	Chairs	18. 45.
	Farrand Williams & Clark	Blotting paper Brushes Iron pan	10.
	Ernest Betz	Iron pan	9.
	W. Ballantyne & Sons	Pen	2.
	Bausch & Lomb Optical Co.	Readers, etc	5.
	Lempke & Brechner	Book	6.
	S. Kann, Sons & Co	Book. Canton flannel.	6.
	Henry Heil Chemical Co	Formalin	
	J. H. Bunnell & Co. Mackall Bros National Electric Supply Co. Rudolph, West & Co. W. B. Moses & Sons. D. C. Paper Manufacturing Co. Farrand, Williams & Clark. Ernest Betz. W. Ballantyne & Sons. Bausch & Lomb Optical Co. Lempke & Brechner S. Kann, Sons & Co. Henry Heil Chemical Co. H. B. Homer. Yawman & Erbe Manufacturing Co.	Prints	6.
	Yawman & Erbe Manufacturing Co Washington Gaslight Co	Sections. Gas.	16.
	Washington Gaslight Co	Chairs.	8. 22.
	Woodward & Lothrop. Ward Leonard Electric Co Whitall Tatum Co Emil Wellaner	Rheostat	2.
	Whitell Tetum Co	Regrente	3.
	Emil Wellaner	Reagents Electric appliances	7.
	P. J. McMahon	Sansevieria leaves	3.
	P. J. McMahon Mallinckrodt Chemical Works	Chemicals	3.
	Queen & Co. (Incorporated)	Dish	2.
	Fred. A. Schmidt	Mounting maps, etc	4.
	Sharp & Dohme	Oven	22.
	Seabury & Johnson	Oven Isinglass Expenses Traveling expenses	22. 4.
21	L. H. Dewey	Expenses	4.
25 27	F. A. Walpole (estate of)	. Traveling expenses	36
29	W. W. Tracy, Jr.	Pottles etc	23 13
29	Mallinekrodt Chemical Works Queen & Co. (Incorporated) Fred. A. Schmidt Sharp & Dohme Seabury & Johnson L. H. Dewey F. A. Walpole (estate of) W. W. Tracy, jr Z. D. Gilmando Chas. Edmonston Dulin & Martin Co	Expenses. Bottles, etcdo	28.
	Chas Edmonston	Filter	16.
	Dulin & Martin Co	Pans, etc.	1.
	L. S. Depue	Oats	45.
	Chas. Edinoison Dulin & Martin Co. L. S. Depue Church & Stephensondo.	Oats. Lumber.	4.
	do	do	16
	Fred Carl J. Bishop & Co Adams Express Co	Worm, etc. Crucible. Transportation.	7 30
	J. Bishop & Co	Crucible	30
	Adams Express Co	. Transportation	43 40
	00		14
			4
	dodo	do	8
			2
	dododo do Delano & Moore. Geo. F. Muth & Co McCauley & McGill Jas. B. Lambie Co. (Incorporated) Lamb & Tilden The Geo. W. Knox Express Co. The Fairbanks Co. Eimer & Amend B. L. Chuningham	do	1 64 11 2 2
	Delano & Moore.	doPhoto. suppliesLiquid granite	64
	Geo. F. Muth & Co.	Liquid granite	11
	McCauley & McGill	Gas	2
	Jas. B. Lambie Co. (Incorporated)	Can, etc. Type. Transportation.	2
	Lamb & Tilden.	Type.	5
	The Geo. W. Knox Express Co	Transportation	14
	Fimor & Amond	Scale Apparatus Negative Frogs	14
	B. I. Cunningham	Negative	14 5
	B F McCurdy	Frogs	2.
	The Kny-Scheerer Co.	Finger protector	1.
	Paul Klincksieck	Publications	35.
	The Harvard Apparatus Co.	. Inductorium	6
	Emil Greiner	Rubber stoppers	2.
	Elmer & Amend B. L. Cunningham B. F. McCurdy The Kny-Scheerer Co. Paul Klineksieck The Harvard Apparatus Co. Emil Greiner Fritzsche Bros David Cleland	Finger protector Publications Inductorium Rubber stoppers Oil Salary do	1.
30	David Cleland	Salary	39.
	David Cleland Chas. Freedman Jas. T. Smith	do	39.
	Jas. T. Smith		27. 10.
	Esau Reinbert. F. V. Coville et al.	Salaries.	2,843.
	r. v. Covine et al	. Salalies	2,040.

Date.	Name.	Nature of payment.	Total.
1904.	Supplemental.		1
uly 2	C. S. Scofield H. T. Marshall V. K. Chesnut A. C. Crawford V. K. Chesnut do Clarke & Davenport F. L. Lewton W. F. Wight Ivar Tidestrom Church & Stephenson do	Salary	\$148.30
	H T. Marshall	do	125.00
5	V. K. Chesnut	Traveling avnenges	24.70 19.04
J	V. K. Chesnut	do	33, 70
	do	Expenses	21.90
6	Clarke & Davenport	Linoleum	39.06 17.05
	W. F. Wight	do	34. 20
	Ivar Tidestrom	do	34. 20 3. 25
7	Church & Stephenson	Doors	4.00
R.	dododo	a ·	4. 22 13. 21
	do	do do Expenses, January, 1904 Expenses, February–June Expenses	23, 03
14	C. S. Scofield Edgar Brown. do	Expenses	6.20
	Edgar Brown	Expenses, January, 1904	2.94 55.50
	do	Expenses.	7. 15
	do	do	6. 20
	R. H. True	do	. 50 4. 08
	do	do	4.08
	do	Traveling expenses	4.95
	L. H. Dewey	Postor	1.45 25.00
	do R. H. Truedodo dodo L. H. Dewey. Southern Coffee and Spice Co J. M. Snyder. L. H. Dewey. Edgar Brown do V. K. Chesnut R. H. True do do do do do	Dog holder, etc.	25.00 34.55
, 15	L. H. Dewey.	Expenses.	24.97
18	Edgar Brown	Traveling expenses	25. 10 52. 54
	V K Cheenut	do	10. 80
	R. H. True.	do	4. 04 177. 80
	do	do	177. 80
	do	do. Expenses	8. 45 9. 34
	do	do.	1.00
	T. B. Young. W. B. Moses & Sons.	Traveling expenses	1.00 7.05
	W. B. Moses & Sonsdo	Rug and chair	43.50 4.75
	Potomac Electric Power Co.	Table Electric current Service.	18. 10
	Potomac Electric Power Co. Western Union Telegraph Co.	Service	18. 10 1. 09
19	E. J. Applegate Andrus & Church Dudley Campbell J. P. Friez	Chemicals	3.00 18.63
	Dudley Campbell	Plants.	2.00
	J. P. Friez	Plants Hygrograph	50.00
	Emil Greiner. J. A. Greathouse H. J. Green.	Stoppers.	8. 19 10. 00
	H. J. Green	Plants. Soil thermometers.	8, 10
		Map rack	55,00
	Keuffel & Esser	Hygrograph	54.00 6.00
	Keuffel & Esser Krey, Price & Co Queen & Co. (Incorporated)	Pigs	1.20
	do	Dishes	1.64
		Dishes, etc	1.84 8.64
	Randolph Paper Box Co J. M. Snyder A. H. Thomas & Co	Cases Rack, etc	2,60
	A. H. Thomas & Co.		16.48
	do. United States Mailing Case Co. United States Envelope Co. W. Wesley & Son. do. do. Whitall, Tatum Co.	Flasks, etc.	7. 42 3. 57
	United States Envelope Co.	Cases, etc. Envelopes Publications	5, 00.
	W. Wesley & Son.	Publications	10, 50
	do	do	119.00 20.00
	Whitall, Tatum Co.	Vials, etc.	8.22
	do. Woodruff Manufacturing Co. Yawman & Erbe Manufacturing Co	Spatula	1. 11
	Woodruff Manufacturing Co	Casesdo	308. 00 27. 25
	do	do	61.50
20	Baltimore and Ohio R. R. Co.	Passenger transportation	77.00
	W. H. Dyor	Seed blotting	45.00 20.00
	Chas. R. Edmonston.	Jars, etc	25, 90
	Littlefield, Alvord & Co	Transportation	. 80
	National Electrical Supply Co	Desk fan	10.50
	F. P. May & Co	Coffee mill	11.55 5.00
	F. A. Schmidt	Steel tape, etc	3.02
	do. Baltimore and Ohio R. R. Co. District of Columbia Paper Manufacturing Co W. H. Dyer Chas. R. Edmonston Littlefield, Alvord & Co. National Electrical Supply Co. Remington Typewriter Co. F. P. May & Co. F. A. Schmidt Underwood Typewriter Co. do.	Base. Jars, etc. Transportation Desk fan Repairing typewriter Coffee mill Steel tape, etc. Typewriter	108.00
	United States Express Co.	Transportation	36.00 13.78
			20.70

Date.	Name.	Nature of payment.	Total,
1004	Supplemental—Continued.	*	
1904. uly 20	Yawman & Erbe Manufacturing Co	Section.	\$8.
23	do Harrison Garman	Section, etc	22. 76.
20	Harrison Garman Jos. L Hills H. T. Marshall Pennsylvania Co. Pennsylvania R. R. Codo. Southern Rwy. Co Washington Southern Rwy. Codo. F. J. Tyler Michigan Central R. R. Co. Union Pacific R. R. Co. Seaboard Air Line Rwy. Co The Wabash R. R. Co. Northern Pacific Rwy. Codo.	Expenses.	79.
	H. T. Marshall	Traveling expenses	156.
	Pennsylvania R. R. Co	dodo.	11. 27.
	do	do	31. 38.
	Washington Southern Rwy. Co	do	15. 11.
	do	do	11.
27	F. J. Tyler	Traveling expenses	86.
30	Michigan Central R. R. Co	Passenger transportation	4. 27.
	Seaboard Air Line Rwy. Co	do	3.
	The Wabash R. R. Co.	do	3. 5. 6.
	dodo.	do	6.
			8. 40.
	do. New York Central and Hudson River R. R.	do	5.
	Co.		2
	Pittsburg, Cincinnati, Chicago and St. Louis	do	3. 9.
			0
	Southern California Rwy. Co. Cincinnati, Hamilton and Dayton Rwy Atlantic Coast Line R. R. Co.	do	3. 12.
	Atlantic Coast Line R. R. Co	do	12 14 29
	Chicago and Alton Rwy. Co.	do	4.
	The Chesapeake and Ohio Rwy. Co	do	51
	Chicago, Milwaukee and St. Paul Rwy. Co	do	3
	do	do	5
	Chicago and Northwestern Rwy. Co	dodo	3 16
ug. 1	R. Friedlander & Sohn	Books	423
	Atlantic Coast Line R. R. Codo Chicago and Alton Rwy. Co The Chesapeake and Ohio Rwy. Co. Chicago, Milwaukee and St. Paul Rwy. Co. do. do. Chicago and Northwestern Rwy. Co do. R. Friedlander & Sohn do. do.	do	98
	do A. Hermann	do	24 96
	Tiren Straigand	do	43
2	T. T. Burkhart. T. B. Young. S. Kann, Sons & Co. Z. D. Gilman Standard Oil Co.	Services	45 5
3	S. Kann, Sons & Co	Flannel.	6
	Z. D. Gilman	Funnels, etc	23 7
	Barber & Ross	Razor	1
	Barber & Ross The Chesapeake and Potomac Telegraph Co. Church & Stephenson Delano & Moore P. G. Affleck	Service	12 30
	Delano & Moore	Lumber Photo supplies Chloride lime	17
	P. G. Affleck	Chloride Îime Flasks	$\frac{1}{45}$
	Mackall Bros. National Electric Supply Co.	Supplies Desk fan	1
	National Electric Supply Codo. Potomac Electric Power Co	Desk fan Current	17 23
	F. P. May & Co	Root cutter	7
	M. Du Perow.	Supplies.	50 18
	E. G. Schafer & Co. E. J. Pullman	Stopcocks	1
	E. J. Pullman. Rudolph, West & Co. Remington Typewriter Co. Underwood Typewriter Co. Woodward & Lothrop.	Brushes, etc.	$\frac{2}{2}$
	Underwood Typewriter Co.	Metal cover	87
	Woodward & Lothrop	Jars	35 20
	Washington Gaslight Co.	Desk Gas	12
0	washington woodworking co	1 4010 1080	103
8 16	F. V. Coville. Delano & Moore.	Traveling expenses	193
17	Delano & Moore.  American Writing Machine Co.	Paper	47. 207.
	Jas. G. Biddle. The Draper Manufacturing Co	Thermometer	100
	J. B. Espey	Locks	1 2
	Z. D. Gilman The G. W. Knox Express Co	Drayage	2
	W. H. Lowdermilk & Co	Florist directory	5. 32. 88.
	Mackall Bros	Chemicalsdo	32.

Date.	Name.	Nature of payment.	Total.
	Supplemental—Continued.		
1904.	O. D. 1	Tiber election	050 0
ug. 18	G. B. Jones. Eimer & Amend.	Fiber-cleaning machine	\$56.8
	do	Chemicals	9 1
	Library Bureau	Cards.	26. 7 9. 1 11. 7
	do Spencer Lens Co do	Cases, etc.	145.8
	Spencer Lens Co	Objective	40.5
	do The Okenite Co. (Limited). Arthur H. Thomas & Co.	Hone, etc.	6.9
	The Okenite Co. (Limited)	Wire.	4.2
	do	Clamps Chemicals	1.0
	do	Cabinet. Cabinet, etc. Guides Sections	5.5
	do.	Cabinet, etc.	15.7
	dodo	Guides	1.5 47.7
	do. Whitall, Tatum Codo.	Sections	47.7
	Whitall, Tatum Co		1.0
	do	Beakers, etc	10. 2 2. 0
	do. do. do. united States Bottlers' Supply Co United Fruit Co Ed. Meister The Fred Macey Co. (Limited) Emil Greiner Henry Heil Chemical Co. Bausch & Lomb Optical Co. Kellogg Switchboard and Supply Co. Multum in Parvo Binder Co. Schneider Bros Queen & Co. (Incorporated). Union Envelope Co. Guy N. Collins J. J. Thompson H. T. Lee. A. T. Armstrong J. P. Young	Mailing ages	9.5
	United Fruit Co	Transportation	1. 2
	Ed. Meister	Myocardograph	20.0
	The Fred Macey Co. (Limited)	File cases	14 0
	Emil Greiner	Graduates	1.6
	Henry Heil Chemical Co.	Beakers	1.8
	Bausch & Lomb Optical Co	Triplets	3.0
	Multum in Perve Rinder Co	Rindors	12.5 2.0
	Schneider Bros	Thermometers	12.0
	Queen & Co. (Incorporated)	Alcohol	. 5
	Union Envelope Co	Envelopes	20.8
22	Guy N. Collins	Traveling expenses	533. 3
26	J. J. Thompson	Cultivating clover	17.4
	H. T. Lee	Services, March	25.0
	A. T. Armstrong.	do	29.2
	J. P. Young J. A. Ritchie W. M. Hays		14.0
	W M Hove	do	8. 8 33. 3
	E. D. Kunk	do	25.0
	J. H. McNown	do	20.0
	J. H. McNown Western Union Telegraph Co Barber & Ross	Services	3.1
27	Barber & Ross	Iron	16.4
29	Library Bureau	Stand Rent, etc.	5. 0 25. 0
	Joseph Karels	Locks.	25.0
	I H Shennerd	Rent.	1. 3 33. 3
	Hugo Streisand	Books	46.6
	Barter & Ross Library Bureau Joseph Karels Rudolph, West & Co J. H. Shepperd Hugo Streisand United States Express Cododo. Lus & Riddla	Books. Transportation	46. 6 16. 9
	do	do	13.5
pt. 10	Jas. G. Biddle	Pump	105. 4 20. 0
13	M. L. Mabry	Experiments	20, 0
15	H. T. Marshall	Traveling expenses	107. 8 7. 1 13. 0
19	Washington Southorn Dwy Co	Passanger transportation	19 (
10	Baltimore and Ohio B. R. Co.	do	17. 5
	The Texas and Pacific Rwy, Co	do	62.9
	Pennsylvania Co	do	62.9 17.5
	Jas. G. Biddle M. L. Mabry H. T. Marshall G. N. Collins Washington Southern Rwy Co. Baltimore and Ohio R. R. Co. The Texas and Pacific Rwy. Co. Pennsylvania Co. Chicago and Alton Rwy. Co. Chicago, Burlington and Quincy Rwy. Co. Chicago, Rock Island and Pacific Rwy. Co. Burlington and Missouri River Rwy. Oregon Short Line R. R. Co. Pennsylvania R. R. Co. Grand Trunk Rwy.	do	4.2
	Chicago, Burlington and Quincy Rwy. Co	do	38. 1
	Chicago, Rock Island and Pacific Rwy. Co	do	6.1
	Orogon Short Line D. D. Co.	0D	6.
	Pennsylvania R R Co	do	42.7 52.0
	do	do	3.9
	Grand Trunk Rwy	do	5.5
	Southern Pacific Co	do	3.
	Fort Worth and Denver City Rwy. Co	do	3. 6.
	Missouri Pacific Rwy, Co.	do	11.
	Northern Pacific Co	do	31.
20	do. Grand Trunk Rwy Southern Pacific Co. Fort Worth and Denver City Rwy. Co. Missouri Pacific Rwy. Co. Southern Pacific Rwy. Co. Northern Pacific Rwy. Co. Adams Express Cododododo. Underwood Typewriter Co. Western Union Telegraph Cododo E. Morrison Paper Co. Chas. R. Edmonston Geo. P. Killian. Littlefield, Alvord & Co.	Transportation	2. 40.
20	do	do	15.5
	do	do	29.
	Underwood Typewriter Co	Copyholder	6.2
	Western Union Telegraph Co	Service	. 4
	do	do	1
0.4	E. Morrison Paper Co.	Paper	4.3
24	Cnas. R. Edmonston	Jars.	8.
26	Littlefield Alverd & Co	Boxes	22.
20	Entrement, Alvord & Co	Transportation	

#### RECAPITULATION.

First quarter Second quarter Third quarter Fourth quarter South quarter Supplemental	12 060	97
Total	57. 780	01

#### ACCOUNTS PAID BY UNITED STATES TREASURY.

Date.	Name.	Nature of payment.	Total.
1904. Jan. 13 Dec. 7	Southern Pacific Codo		\$55. 20 29. 50 84. 70

#### SPECIAL AGENTS.

20	C. S. Scofield. V. K. Chesnut. F. V. Coville.	do	1.500.00
	Total		3,200.00

#### BOTANICAL INVESTIGATIONS, ETC.—RENT.

1903. Aug. 12	Deeble & Noland.	Pont	\$250.00
Sept. 11	do	do	250.00
	Total		500.00
1903.	Deale & Marie I	Post.	050.00
Oct. 8 Nov. 5	Deeble & Nolanddo.	do	250.00 250.00
Dec. 5	do		250.00
	Total		750.00
1904. Jan. 8	Deeble & Noland	Rent	250.00
Feb. 8 Mar. 3	dodo		250.00 250.00
	Total		750.00
May 3	Deeble & Noland	Rent	250.00 250.00
June 4	do		250.00
	Total		750.00
	Supplemental.		
July 14	Deeble & Noland	Rent	250.00
	Grand total		3,000.00

#### GRASS AND FORAGE PLANT INVESTIGATIONS.

1903.			
July 13	Carleton R. Ball.	Traveling expenses	\$12.10
14	W. J. Spillman	do	14.65
21	Delano & Moore		31.00
	P. L. Ricker	Traveling expenses	49.51
24	C. B. Cropley	Pea harvester	16,00
25	M. B. Stevens	Traveling expenses	37.95
28	T. W. Wood & Sons.	Peas, etc	26. 19
29	National Electrical Supply Co	Electrical supplies	1.43
31	W. J. Spillman et al.	Salaries	1, 283, 76
Aug. 1	P. O. Vanatter		67.40
J 1	J. S. Cotton	do	50.00

Da	ate.	Name.	Nature of payment.	Total.
10	003.			
Aug	. 1	Merritt Harper	Salary	\$50.50
	3	M. A. Crosby M. B. Stevens	do do Apparatus for fan	60.00 40.40
	4		Apparatus for fan	40.40 , 25
		J. M. Westgate P. L. Ricker E. L. Morris	Apparatus for fan Salary Traveling expenses Salary Traveling expenses do do	60,60
	6	P. L. Ricker	Traveling expenses	66.73
	10 14	E. L. Morris M. A. Crosby	Salary	40.00 102.85
	1.4	J. M. Westgate	do	129, 74
		J. M. Westgate E. L. Morris	do	129. 74 58. 67
		M. B. Stevens	Papaira to drill	52.70 1.05
	18	Woodward & Lothron	Canton flannel	. 25
	19	L. G. Orndorf. Woodward & Lothrop. R. H. Forbes.	do. Repairs to drill. Canton flannel Salary.	25.30
		R. A. Oakley Russell A. Oakley T. W. Wood & Sons Thos. W. Riley J. B. Gay W. B. Stevens W. J. Spillman et al.	do. Traveling expenses Alfalfa Tags.	20.87
		T W Wood & Sons	Alfalfa	7.35 20.40
	20 25	Thos. W. Riley	Tags	2. 13 17. 25
	25	J. B. Gay	Expenses Traveling expenses Salaries	17. 25
	26 31	M. B. Stevens	Traveling expenses	54.58 1,284.71
Sept		M. A. Crosby	Salary	60.00
		M. A. Crosby J. S. Cotton E. L. Morris Byron Hunter	do	50.00
	3	E. L. Morris	do	40.00 46.20
		R. A. Oakley	OD	40.40
	4	Merritt Harper. Washington, Alexandria and Mount Vernon	do	50.50
	9	Washington, Alexandria and Mount Vernon	50 trip books	3.60
	10	R. R. Co. P. O. Vanatter M. B. Stevens Henry Hell Chemical Co. E. Morrison Paper Co. T. W. Wood & Sons. Al Stevenson	Salary	67.40
	10	M. B. Stevens	dodo	40.40
		Henry Heil Chemical Co.	Soda, etc	5, 30
	11	E. Morrison Paper Co.	Tags	4.40
	11	Al Stevenson	Seeds	109.75 48.00
		The Anthony & Scoville Co.	Repairs to camera.	. 90
	16	J. M. Westgate.	Salary	60.60
	17	A. Stevenson The Anthony & Scoville Co. J. M. Westgate A. S. Hitchcock Byron Hunter M. A. Crosby P. A. Ogdylor	Traveling expenses	278.30 8.35
	1.	M. A. Crosby	do	78.45
		R. A. Oakley	do	61.50
	18	R. A. Oakley David Griffiths M. B. Stevens C. W. Warburton	do	41.30 65.89
	10	C. W. Warburton	dodo Photo supplies Night latch Maps Passenger transportation do Filing cases Trip book	21. 50
		Delano & Moore Rudolph, West & Co. Brentanos Southern Rwy. Co. Central Vermont Rwy. Co. Yawman & Erbe Manufacturing Co. Washington, Alexandria and Mount Vernon Rwy. Co.	Photo supplies	26.88
	21	Rudolph, West & Co	Night latch	. 80
	19	Southern Rwy, Co	Maps	. 75 10, 10
		Central Vermont Rwy. Co.	do	4.25
	24	Yawman & Erbe Manufacturing Co	Filing cases	8.00
		Washington, Alexandria and Mount Vernon	Trip book	3.60
	26	W. J. Spillman	Traveling expenses	111.50
	200	Rwy. Co. W. J. Spillman E. L. Morris. W. J. Spillman et al.	do :	63.96
	30	w.J. Spillman et al	Salaries	1, 264. 56
		Total first quarter	-	6, 363. 46
0 1			-	
Oct.	. 2	J. M. Westgate	Salarydo	58.80 60.00
		M. A. Crosby J. S. Cotton	do	50.00
		P. O. Vanatter E. L. Morris	do	65, 20
	3 6	E. L. Morris	Traveling expenses	82.79
	0	M. B. Stevens. Merritt Harner	satarydo	39. 20 49. 00
	9	C. R. Ball The Geo. W. Knox Express Co.	Traveling expenses	66 20
	10	The Geo. W. Knox Express Co	Transportation	. 25
		R. A. Oakley Byron Hunter	Traveling expenses Salary  do Traveling expenses Transportation Services	59. 2U
		R. H. Forbes	do	81.60 49.70
		The Geo. W. Knox Express Co	services do do Transportation Tags Seeds Traveling expenses Repairs	2.00
	12	E. Morrison Paper Co.	Tags.	.75 81.90
		J. M. Westgate	Seeds.	81.90 98.00
	14	The Smith Premier Typewriter Co	Repairs	1.50
		Byron Hunter R. H. Forbes The Geo. W. Knox Express Co. E. Morrison Paper Co. H. N. Leckenby J. M. Westgate The Smith Premier Typewriter Co. T. W. Wood & Sons Delano & Moore L. M. Westgate	Seeds	.75 34.44
	16	J M Westgaa	Photo supplies	34.44
	19	The Smith Premier Typewriter Co. T. W. Wood & Sons Delano & Moore J. M. Westgae. Byron Hunter M. A. Crostby.	do	26.32 46.45
				99.00

## $\label{lem:expenditures} \textit{Expenditures of the Department of Agriculture for fiscal year ending June~30, 1904} — Cont'd.$

Date.	Name.	Nature of payment.	Total.
1903.			
et. 19	David Griffiths T. W. Wood & Sons	Traveling expenses	\$84.
21	T. W. Wood & Sons	Seeds do	66.
22	T. W. WOOD & SOIIS. do S. W. Flower & Co T. W. Wood & SOIIS. Hopgood Plow Co. M. B. Stevens. Mackall Bros	Alfalfa seed	232.
23	T. W. Wood & Sons	Seeds	232. 16.
28	Hopgood Plow Co	Plow Traveling expenses Cotton	40. 92.
28	Mackall Bros	Cotton	92.
	C. V. Piper New York Central and Hudson River R. R.	Salary	86.
31	Co.	Salary Passenger transportation	10.
	Pennsylvania R. R. Co	do	32. 3.
	Boston and Maine R. R.	do	2.
	Southern Rwy. Co	do	1. 4.
-,	Southern California Rwy. Co	do	4.
	Columbia Newberry and Laurens R. R. Co	do	16.
The second	W. J. Spillman	Salaries	7, 1,492, 72,
lov." 3	M. B. Stevens	Traveling expenses	72.
	C. V. Pipov	Salary	40.
4	Pennsylvania R. R. Co. Grand Trunk Rwy. Boston and Maine R. R. Southern Rwy. Co. St. Louis and San Francisco R. R. Co. Columbia, Newberry and Laurens R. R. Co. W. J. Spillman M. B. Stevensdo. C. V. Piper J. M. Westgate Merritt Harper P. O. Vanatter	dodo	72. 151.
5	Merritt Harper	Salary	50.
	P. O. Vanatter	do	67.
6	M. A. Crosby	Treveling expenses	60. 53.
6 7	P. O. Vanatter M. A. Crosby R. A. Oakley E. L. Morris	salary do	25.
9		Traveling expenses	54
	doP. L. Ricker	Salary	40 37
13	M. Du Perow	Buzzors expenses	37.
18	M. A. Crosby	Salary	30
19	A. S. Hitchcock	Salary Traveling expenses Steel rules	73
20	Brown & Sharpe Manufacturing Co	Steel rules	3
1	Eugene Dutzgen Co	Rules, etc	5 13
	Al. Stevensen	Services	22
21	Brown & Sharpe Manufacturing Co Eugene Dutzgen Co.  Wolf Bros. Al. Stevensen W. H. Rupp Co. Remington Typewriter Co. Mackall Bros. C. A. Schneider's Sonsdo Rudolph, West & Co. Library Bureau Bausch & Lomb Optical Co. J. S. Cotton C. R. Ball	Baskets Repairing typewriter Gold chloride Altering root digger Root digger Can, etc	1
	Remington Typewriter Co	Repairing typewriter	, 1
	Mackall Bros	Altering root digger	45
	dodo.	Root digger	70
	Rudolph, West & Co	Can, etc	1
23	Library Bureau	Cards Glass slide Salary Traveling expenses	$\frac{1}{3}$
25	J. S. Cotton	Salary	50
	C. R. Ball.	Traveling expenses	20
27	M. A. Crosby	do	95 45 33
30	W. J. Spillman	do	45 23
	W. A. Crosby. W. J. Spillman. J. M. Westgate W. J. Spillman et al Washington, Alexandria and Mount Vernon	Salaries	1,508
ec. 1	Washington, Alexandria and Mount Vernon	Ticket	3
			13
	Delano & Moore  E. Morrison Paper Codo	Glue, etc.	3
	do	Tags	4
	Hugh Reilly	Glass	3
2	Smith Premier Typewriter Co	Kepairs	6
3	Hugh Reilly Smith Premier Typewriter Co. T. W. Wood & Sons. Eugene Dutzgen Co. R. A. Oakley M. A Crosby P. O. Vanatten Merritt Harper	Paper	4
4	R. A. Oakley	Salary	39 30
	M. A Crosby	do	30
	Merritt Harner	do	65 49
8	Union Pacific R. R. Co	Passenger transportation	30 19
	P. O. Vanatten Merritt Harper. Union Pacific R. R. Co. do. do. Atlantic Coast R. R. Co. Atlantic Coast R. R. Co. Seaboard Air Line Rwy. The Yazoo and Mississippi Valley R. R. Co. Boston and Maine R. R. Astoria and Columbia River R. R. Co. Burlington and Missouri River R. R. in Ne- braska.	do	19
	Central of Georgia Rwy. Co	do	9
	Seaboard Air Line Rwy	do	4
	The Yazoo and Mississippi Valley R. R. Co	do	4 3
	Boston and Maine R. R.	Transportation	5
	Astoria and Columbia River R. R. Co	Passenger transportation	1 11
	braska.		11
	Southern Rwy. Codododo The Chesapeake and Ohio Rwy. Co	do	4
	do	do	19 5

Date.	Name.	Nature of payment.	Total.
1903.	·		
Dec. 8	Southern Pacific Co. Santa Fe, Prescott and Phœnix R. R. Co. Alabama and Great Southern R. R. Co. Chicago and Alton Rwy. Co. Great Northern R. W. Co. Louisville and Nashville R. R. Co. The Atchison, Topeka and Santa Fe Rwy. Codo. Northern Pacific Rwy. Co. Michigan Central R. R. Co. Astoria and Columbia River R. R. Co. The Pullman Co. The Oregon R. R. and Navigation Co. Byron Hunter. Z. D. Gilman Rudolph, West & Co. The Geo. W. Knox Express Co. The Gregon R. R. and Navigation Co. Fort Worth and Denver City Rwy. Co. Pere Marquette R. R. Co. Maricopa and Phœnix and Salt River Valley R. R. Co. Denver and Rio Granda R. R. Co.	Passenger transportation	\$6.45
	Alabama and Great Southern R. R. Co	do	19.60 4.30
	Chicago and Alton Rwy. Co	do	4.30 4.25
	Great Northern Rwy. Co.	dodo	39. 01 9. 45
	The Atchison, Topeka and Santa Fe Rwy. Co.	do	6. 07 12. 75
	Northam Parife Book G	do	12. 75 19. 82
	Michigan Central R. R. Co	do	9. 25
	Astoria and Columbia River R. R. Co	do	7. 20 8. 50 77. 75
	The Oregon R. R. and Navigation Co.	do	8, 50 77, 75
10	Byron Hunter.	Traveling expenses	82.30
11	Z. D. Gilman	Tubing	1.10
	The Geo. W. Knox Express Co.	Transportation	1.12
18	The Oregon R. R. and Navigation Co	Passenger transportation	38.75
	Fort Worth and Denver City Rwy. Co	dodo	3.55 3.09
	Maricopa and Phœnix and Salt River Valley	do	6. 45
	R. R. Co.	a	74.00
	Denver and Rio Grande R. R. Co	do	
	Illinois Central R. R. Co.	do	5.81 2.25
	Seaboard Air Line Rwy.	do	14.85
	Chicago and Northwestern Rwy. Co	do	5. 75 31. 24
1 70	Denver and Rio Grande R. R. Co Great Northern Rwy. Co Illinois Central R. R. Co. Seaboard Air Line Rwy Chicago, Milwaukee and St. Paul Rwy. Co. Chicago and Northwestern Rwy. Codo R. H. Forbes S. M. Tracy W. J. Spillman Delano & Moore J. Ross Collins W. J. Spillman	do	50.50
19	R. H. Forbes	Salary Traveling expenses	49.70 7.45
	W. J. Spillman	Expenses.	8, 50
21	Delano & Moore	Seed plates	2. 21 15. 20
22 23	W. J. Spillman	Traveling expenses	39.00
	Byron Hunter	- do	23, 71
29	J. S. Cotton Bausch & Lomb Optical Co. Ida E. Fulham	Traveling expenses Expenses Seed plates Bags Traveling expenses do Salary Triplet Pictures	50.00 3.00
	Ida E. Fulham		1.00
	A. SVISMA	Seed	43.40
31	John C. Parker W. J. Spillman et al.	Blotters, etc	3. 25 1, 711. 20
0.			
	Total second quarter		8,781.47
1904.			
Jan. 6	P. O. Vanatter.	Salary	67.40
	Merritt Harper	do	50.50 50.00
7	James B. Lambie Co. (Incorporated)	Brads	. 18 1. 00
8 12	W. T. & F. B. Weaver	Trowels	1.00 46.70
14	Queen & Co. (Incorporated)	Caliper	8. 10
16	Florida East Coast Rwy	Passenger transportation	6.40
10	W. M. Ball.	Roots, etc.	10.50 3.00
	Merritt Harper J. S. Cotton James B. Lambie Co. (Incorporated) W. T. & F. B. Weaver. Woodward & Lothrop. Queen & Co. (Incorporated) Florida East Coast Rwy Swett & Co. W. M. Ball Philip Lindemeyrdo. Joseph Le Cort. Byron Hunter.	And Traveling expenses	4.80
	Joseph Le Cort	Man	. 48 1. 50
	Byron Hunter David Griffiths	Traveling expenses	11 05
	David Griffiths	do	115. 56
	W. J. Spillman.	do. Expenses Traveling expenses	28.00 19.50
18	Franklin & Co.	Pens.	17. 85
	Delano & Moore	Photo supplies	27. 40 39. 68
	Church & Stephenson	Lumber	13.08
	Century Camera Co	Platen Renairs	4.50
	Eastman Kodak Co.	Photo supplies.	4. 25 7. 20
19	J. B. Gay.	Services	16.94
25	The Yazoo and Mississippi Valley R. R. Co.	Passenger transportation	.34 18.00
	Union Pacific R. R. Co	do	7. 15 20. 10
	Northern Pacine Rwy. Codo	dodo	20. 10 6. 85
	David Griffithsdo W. J. Spillman Franklin & Co Adams Express Co Delano & Moore. Church & Stephenson The Smith Premier Typewriter Co. Century Camera Co. Eastman Kodak Co. J. B. Gay. Queen & Co. (Incorporated) The Yazoo and Mississippi Valley R. R. Co. Union Pacific R. R. Co. Northern Pacific Rwy. Codo The Missouri Pacific Rwy. Co. New York, New Haven and Hudson R. R. Co. H. Doc. 256, 58-3	do	3.41
	New York, New Haven and Hudson R. R. Co.	do	5.00
I	H. Doc. 256, 58-3-16		

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 25	New York, New Haven and Hudson R. R. Co. Louisville and Nashville R. R. Co. Illinois Central R. R. Co. Atlantic Coast Line R. R. Co. Pennsylvania Co. The Wabash R. R. Co. The Oregon R. R. and Navigation Co. Pennsylvania R. R. Co. James Geddes. Andie Wofford. F. P. May & Co. David Griffiths. W. J. Spillman.	Passenger transportation	\$10.90
	Louisville and Nashville R. R. Co	do	16. 47
	Atlentic Coast Line P. P. Co.	do	25, 50 8, 25
	Pennsylvania Co	do	21. 55
	The Wabash R. R. Co	do.	21. 55 60. 95 80. 90
	The Oregon R. R. and Navigation Co	do	80.90
	Jomes Goddes	Labor	38. 25 30. 00
	Andie Wofford	do	21 25
26	F. P. May & Co	Traps	. 63 10. 00
	David Griffiths	Taps Expenses Traveling expenses Lumber Razors, bottles, etc Sodium	10.00
	W. J. Spillillan. Church & Stephenson	Traveling expenses	44. 80 53. 13
1	Williams, Brown & Earle	Razors, bottles, etc	6.51
	Mallinckrodt Chemical Works	Sodium	2. 00 19. 10
27	The Fred. Macey Co. (Limited)	Cards	19.10
28	David Griffiths W. J. Spillman. Church & Stephenson Williams, Brown & Earle Mallinckrodt Chemical Works. The Fred. Macey Co. (Limited) Rudolph, West & Co. C. V. Piper. W. J. Spillman et al. R. H. Forbes. W. B. McCleary	Vails, etc. Traveling expenses. Salaries. Salary.	2. 99 17. 25
31	W. J. Spillman et al	Salaries	1, 580, 20
Feb. 2	R. H. Forbes	Salary	1,580.20 50.80
	W. B. McCleary	Troveling arms	75 00
3	E. G. Schafer & Co.	Pine velves etc	9, 60
0	W. B. McCleary C. R. Ball E. G. Schafer & Co F. P. May & Co Chesapeake and Potomac Telephone Co Merritt Harper C. E. Brereton W. J. Spillman P. O. Vanatter Queen & Co. (Incorporated) The Carter's Ink Co. J. R. Collins	do. Traveling expenses. Pipe, valves, etc. Traps. Telephone service.	9. 65 10. 29 1. 25
	Chesapeake and Potomac Telephone Co	Telephone service	. 10 51. 10
4 9	Merritt Harper	Salary	51. 10 16. 00
9	W. J. Spillman	Freight charges	2.35
11	P. O. Vanatter.	Salary.	68. 10
12	Queen & Co. (Incorporated)	Carbon bisulphide	3, 00
	The Carter's Ink Co	Speed tester	. 50 20. 75
	Bausch & Lomb Optical Co	Reducing glass	1.57
13	W. J. Spillman	Expenses	1.57 7.60
17	F. Barteldes & Co	Seeds	35.05
	Reltimore and Ohio R. R. Co.	Passenger transportation	29 73
18	Merritt Harper C. E. Brereton W. J. Spillman P. O. Vanatter Queen & Co. (Incorporated) The Carter's Ink Co. J. R. Collins Bausch & Lomb Optical Co W. J. Spillman F. Barteldes & Co Delano & Moore Baltimore and Ohio R. R. Co The Wabash R. R. Co Toledo, Peoria and Western Rwy. Co Pennsylvania R. R. Co. The Texas and Pacific Rwy. Co St. Louis and San Francisco R. R. Co A. S. Hitchcock Library Bureau D. A. Bright C. E. Brereton	do	61. 33 29. 73 4. 35
	Toledo, Peoria and Western Rwy. Co	do	4, 25
	Pennsylvania R. R. Co	do	,12, 25 42, 35
	St. Louis and San Francisco R. R. Co	do	9.44
19	A. S. Hitchcock	Traveling expenses	101 11
23	Library Bureau	Cards	17. 60 7. 50 16. 00
	C. E. Brereton	Photo prints	16.00
24	C. E. Brereton. Church & Stephenson. Harris & Shafer Co.	Photo prints Lumber Repairing clock Nails, etc	4. 59 1. 60
	Harris & Shafer Co.	Repairing clock	1.60
	Rudolph, West & Co	Nails, etc	.96 5.48
27	Western Union Telegraph Co	Telegraph service	14. 28
29	W. J. Spillman et al	Salaries	14. 28 1, 606. 92
Mar. 2	C. R. Ball	Telegraph service. Salaries Traveling expenses	10.50
	Harris & Shafer Co. Rudolph, West & Co. Thos. Somerville & Sons. Western Union Telegraph Co. W. J. Spillman et al. C. R. Ball J. M. Westgate Geo. M. Tucker.	do	2.00 8.70 24.00
	do.	Expenses	24.00
3	The Cmith Dremier Transprinter Co	Donoise	7, 10
	M. Du Perow.	Shade	. 65 2. 00
4	Harrison Garman	Salary	120.00
-	M. Du Perow. Hutchinson & McCarthy. Harrison Garman Byron Hunter. Merritt Harper.	do	79. 60 47. 80
	Merritt Harper	do	47. 80
	S. M. Tracy	do	98. 90 25. 00
5	Mallinckrodt Chemical Works	Chemicals	39
11	Postal Telegraph-Cable Co	Telegraph service	60
	Mackall Bros.	Cotton, etc	3. 87 28. 36
17	Houston and Texas Central R R Co	Passenger transportation	16.40
1.	Merritt Harper S. M. Tracy. W. B. McCleary Mallinckrodt Chemical Works. Postal Telegraph-Cable Co. Mackall Bros. United States Express Co. Houston and Texas Central R. R. Co. Chicago and Northwestern Rwy. Co. New York, New Haven and Hartford R. R.	do	16. 40 65. 81
18	New York, New Haven and Hartford R. R.	do	29.50
	Co. Norfolk and Wastern Pwy Co.	do	2 70
	Louisville and Nashville R. R. Co.	do	$\frac{3.70}{27.50}$
	Missouri, Kansas and Texas Rwy. Co	do	27.50 $14.75$
	Co. Norfolk and Western Rwy. Co. Louisville and Nashville R. R. Co. Missouri, Kansas and Texas Rwy. Co. The Oregon R. R. and Navigation Co. Pennsylvania R. R. Co. A. S. Hitchcock.	do	70.00
	rennsylvania K. K. Co	Traveling expenses	4.80 7.10
			8.71

Da	ite.	Name.	Nature of payment.	Total.
10	04.			
Mar.	. 18	J. Baumgarten & Sons	Type	\$6.00
		Delano & Moore. The Pullman Codo. Southern Pacific Co	Type	48.17
		The Pullman Co	Passenger transportation	5.00 35.50
		Southern Pacific Co.	do	6.45
	01	do. The Fred. Macey Co. (Limited). P. O. Van Atter. Wm. Krafit.	do Cards	4.90
	21	P O Van Atter	Salary	13.03 63.80
		Wm. Krafft	Objectives Repairs to kodak Stand Expenses Electric bracket	50.40
	00	Eastman Kodak Co American Writing Machine Co David Griffiths The E. F. Brooks Co	Repairs to kodak	6.40
	22 28	David Griffiths	Expenses	4.00 8.00
	29	The E. F. Brooks Co	Electric bracket	3.50
	0.7	J. Baumgarten & Sons W. J. Spillman et al	Dating stamp	4.10
	31	W. J. Spulman et al	Salaries	1,880.72
		Total third quarter		7,808.44
Apr.	. 4	W. J. Spillman	Expenses.	41.50
	6	Harrison Garman	Salary	120.00
				68. 10
		S M Tracy	do	12.50 170.30
		Merritt Harper	do.,	51.10
	9	P. O. Van Atter. W. B. McCleary. S. M. Tracy. Merritt Harper. Woodruff Manufacturing Co. H. A. L. Barker. T. W. Wood & Sons. Spencer Lens Co. Debits Independent	Herbarium cases	110.00
	12	H. A. L. Barker	Salary	12.00 13.48
		Spencer Lens Co.	Magnifiers	18. 11
		Philip Lindemeyr Jas K. Metcalfe D. N. Walford Somerville Bean	Paper	12.00
	14	Jas. K. Metcalfe	Seeds	119.50 20.00
	15	Somerville Bean	Salary	39.00
		B. H. Hall	do Telegraph service Plate	19.50
	18	Postal Telegraph Cable Co	Telegraph service	. 56 3. 00
		Rudolph, West & Co	Hardware	1.02
		Delano & Moore.	Photo. supplies	42.66
		Somerville Bean B. H. Hall Postal Telegraph Cable Co Hugh Reilly Rudolph, West & Co. Delano & Moore. R. Carter Ballantyne. R. P. Andrews & Co. (Incorporated) Northrup, King & Co. Cambridge Botanical Supply Co. Funk Brothers Seed Co. T. W. Wood & Sons Kellogg Switchboard and Supply Co.	Pencil	. 80 5. 76
	19	Northrup, King & Co.	Seeds	9.75
		Cambridge Botanical Supply Co	Envelopes	7.80
		T W Wood & Sons	Corn	10.58 16.50
		Kellogg Switchboard and Supply Co.	Pease Desk set	11. 25
	-	Library Bureau Burlington and Missouri River R. R. in Ne-	Cards	4.00
	20	Burlington and Missouri River R. R. in Nebraska.	Passenger transportation	6.15
		The Chicago, Burlington and Quincy Rwy.	do	12.90
		Co.	do	40.00
		Pennsylvania R. R. Co.	do	40. 20 28. 50
	21	Southern Rwy. Co. Pennsylvania R. R. Co. J. M. Westgate. Chicago, Rock Island and Pacific Rwy. Co P. H. Express	Traveling expenses	22.05
	22 23	Chicago, Rock Island and Pacific Rwy. Co	Passenger transportation	62.82
	20	B. H. Hall	do	49.50 10.50
	28	S. M. Tracy	Salary do Traveling expenses Salaries Traveling expenses	96.78
May	30	W. J. Spillman et al	Salaries	1,617.03
мау	3	Geo. M. Tucker	do	55.90 35.92
		Chicago, Rock Island and Facilic Rwy. Co R. H. Forbes B. H. Hall S. M. Tracy W. J. Spillman et al C. V. Piper Geo. M. Tucker W. J. Spillman Harrison Garman Harrison Garman	do do Salary.	1.87
	4	Harrison Garman	Salary	120.00
		J. G. Haney, superintendent	Seed Seed	65. 90 22. 50
		Merritt Harper	Seed Salary do	49.50
		Juanita Gay	do	7.66
		Bausch & Lomb Ontical Co	Renairs to camera	12.50 1.25
	6	P. O. Van Atter. J. G. Haney, superintendent Merritt Harper Juanita Gay. W. B. McCleary. Bausch & Lomb Optical Co. T. W. Wood & Sons.	do Repairs to camera Artichokes	1.50
		Coo M Thicken	Seeds.	4. 25
		J. M. Thorburn	Iron pots Seeds do	62.05 10.20
		do	do	3.40
		Summer & Morris	Horseshoes	1.00
		D. Frank Parker	Stencil paper etc	1.00 9.80
		Remington Typewriter Co	Stencil paper, etc. Typewriters, etc. Prints.	180.70
	10	C. E. Brereton	Prints	21.45
	12 13	T. W. Wood & Sons. do. Geo. M. Tucker J. M. Thorburn do. Summer & Morris J. Steckler Co. (Limited) D. Frank Parker Remington Typewriter Co. C. E. Brereton J. M. Westgate Fred. A. Schmidt	Traveling expenses	73. 71 . 80
			D.ucpattl	.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

GRASS AND FORAGE PLANT INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
May 13	District of Columbia Paper Manufacturing Co.	Plant drier	\$14.40
	Thos. R. Riley	Lumber	. 84
	John Maloney Somerville Bean	Servicesdo	12.00 36.00
14 16	John T. Phipps.	do	12.00
10	Thos. M. Everett.	Seeds	12.00 25.00
18	Somerville Bean John T. Phipps K. Kneessi & Son. Thos. M. Everett. Lilly Bogardus & Co. (Ineorporated). Choetaw, Oklahoma and Gulf R. R. Co. Seaboard Air Line Rwy. Atlantic Coast Line R. R. Co. Southern Rwy. Co. E. Morrison Paper Co. Barber & Ross Delano & Moore. do.	do	25. 00 2. 00
10	Seaboard Air Line Rwy	dodo	4. 18 8. 65
	Atlantic Coast Line R. R. Co	do	12. 20 8. 99
19	E. Morrison Paper Co.	Newspaper stock	3.40
20 25	Barber & Ross Delano & Moore	Glue Photo. suppliesdo	6, 12
	do	do	11. 49 52. 29
26 27	C. Becker Byron Hunter David Griffiths	Trunk Traveling expenses	5, 50 15, 63
	David Griffiths	do	38.15
31	John Maloney John Phipps	Salarydo	18.00 18.00
	Somerville Bean	do Trunk Traveling expenses. do. Salary do Salaries Salaries	42.00 1,491.84 200.00
June 2	J. A. Widtsoe.	Salary	200.00
3	John Maloney John Phipps Somerville Bean W. J. Spillman et al J. A. Widtsoe L. F. Powell Mackall Bros Library Bureau The Geo. W. Knox Express Co. E. & W. Hackett Henry Heil Chemical Co. Edw. E. Evans do	do Graduates, etc Binders, etc Transportation Seeds Arsenie and soda	20. 65 7. 13 5. 25
· ·	Library Bureau	Binders, etc.	5. 25
	The Geo. W. Knox Express Co E. & W. Haekett	Transportation	. 75 14. 00
	Henry Heil Chemical Co.	Arsenie and soda	6.00 5.00
	Edw. E. Evansdo	Beans	16 25
	Church & Stephenson	Lumber	3.15
	dododododododododododododo	do	3. 18 10. 20 71. 19
	do	Plant digger	60.55 1.50
	do do do Cambridge Botanieal Supply Co Adams Express Co do do do do Go Rudolph, West & Co D Frank Parker J. W. Norton United States Express Co	Transportation	4.85
	do	do	1.75 4.00
	do	do	4.95 2.95
	Rudolph, West & Co.	Screws, ete	2.95 3.48
	do Rudolph, West & Co. D. Frank Parker J. W. Norton United States Express Co. J. M. Thorburn & Co. James A. Small Western Union Telegraph Co. A. S. Hitchcock L. F. Paull Juanita Gay. W. B. MeCleary. Harrison Garman John A. Widtsoe Merritt Harper P. O. Van Atter C. V. Piper L. P. Roosa C. R. Ball do.	Memorandum books	1.00
	United States Express Co	Transportation	5.00 1.55
	J. M. Thorburn & Co	Seeds	13,60 2,00
6	Western Union Telegraph Co	Telegraph service	1.95
8	A. S. Hiteheoek	Traveling expenses	9.70 8.30
	Juanita Gay	Salary	10.00 12.50
	Harrison Garman	do	120.00
	John A. Widtsoe	do	100.00
	P. O. Van Atter	do	51.00 68.20
	C. V. Piper	Expenses	170.40 16.65
14	C. R. Ball	Traveling expenses	3.40
15	dodo Somerville Bean	Services.	6. 10 39. 00
17 20	S: M. Tracy	Expenses	39. 00 9. 37 4. 80
20	National Electric Supply Co	Fan	8.50
	do Somerville Bean S: M. Tracy Cambridge Botanieal Supply Co National Electric Supply Co D. Frank Parker Rudolph, West & Co W. B. Moses & Sons Library Bureau	Paper Hardware Chairs	8.00 7.56
	W. B. Moses & Sons	Chairs	7.56 13.90
	Jas. B. Lambie Co. (Incorporated)	Binder Hatchet handles	1.25 .40
	W. B. Moses & Sons Library Bureau. Jas. B. Lambie Co. (Incorporated). Kellogg Switchboard and Supply Co. Woodward & Lothrop. T. W. Wood & Sons. The C. J. McCubbin Co. The Fred. Maeey Co. (Limited). The Okonite Co. (Limited). W. Silas Sheetz. E. Morrison Paper Co.	Hatchet handles. Desk sets.	22.50
	T. W. Wood & Sons.	Coolers, etc	23. 20 8. 00
	The C. J. McCubbin Co	Seeds Frost elosets File eases	24.00 91.00
	The Okonite Co. (Limited)	Wire	20.15
	W. Cilog Choote	TripodsCards	9.00

## GRASS AND FORAGE PLANT INVESTIGATIONS—Continued.

Da	te.	Name.	Nature of payment.	Total.
		<u> </u>		
June		E. Morrison Paper Co.	Paner	\$11.00
June	21	David Griffiths	Traveling expenses	86.84
	24	John Murphy A. S. Hitchcock	Services	4.50 17.40
		A. S. Hitchcock	Traveling expenses	17.40 72.36
	29	Delano & Moore	Photo, supplies	13.84
	30	Somerville Bean	Salary	39.00
		L. F. Paull	do	40.00
		J. T. Parker.	do	7.50 13.50
		A. S. Hitchcock R. A. Oakley Delano & Moore Somerville Bean L. F. Paull J. T. Parker W. D. Wilson W. J. Spillman et al	Salaries	1,345.65
		Total fourth quarter		8,476.90
		C	1	0, 170.00
T 1	0	Supplemental.  W. B. McCleary. C. V. Piper. Juanita Gay. R. A. Oakley. Harrison Garman. Harold T. Nielsen. R. H. Forbes Geo. M. Tucker. J. A. Widtsoe J. S. Cotton. P. L. Ricker. Byron Hunter. J. M. Westgate	Colomy	10.50
July	2	C V Piper	Salarydo	12.50 164.80
		Juanita Gay	do	10,00
		R. A. Oakley	do	82.40
		Harrison Garman	do	44.00
	11	R. H. Forbes	do	34. 67 75. 00
	11	Geo. M. Tucker.	Traveling expenses	41.83
		J. A. Widtsoe	Salary	100.00
	14	J. S. Cotton	Traveling expenses	50.00
		Byron Hunter	do	58.71 123.35
	15	J. M. Westgate H. T. Nielsen R. A. Oakley	do	59.75
1	18	H. T. Nielsen	do	70, 93
		R. A. Oakley	do	93.50
		C. V. Piper. Church & Stephenson do. Daniel Hiser.	Lumber	75. 40 17. 86
		do	do	63, 64
		Daniel Hiser	Flower pots	3.50
	19	E. Hackel	Specimens	68.00
		Mineralized Rubber Co	Cards. Rubber	1.75 9.25
		The Okonite Co. (Limited)	Wire	2.10
	20	E. Hackel Library Bureau Mineralized Rubber Co. The Okonite Co. (Limited) D. C. Paper Manufacturing Co Francis Miller E. Morrison Paper Co. do. Remington Typewriter Co. Wm. H. Rupp Co. E. G. Schafer & Co. L. A. Clinton	Wire. Plant dryer.	14.40
		Francis Miller	Light glass Cardboard	30.04
		e. Morrison Paper Co	Paper	8, 74 3, 40
		Remington Typewriter Co	Paper Overhauling typewriter Books Ells, etc	14.45
		Wm. H. Rupp Co	Books	3.00
	00	E. G. Schafer & Co.	Ells, etc.	6,06
	23	do	expenses	32.30 7.55
		J. S. Cotton	Traveling expenses	43.75
		Pennsylvania R. R. Co	Passenger transportation	43.75 12.25
		Couthorn Bryy Co	do	50. 50
	30	L. A. Clinton  do. J. S. Cotton  Pennsylvania R. R. Co.  do. Southern Rwy. Co. Galveston, Harrisburg and San Antonio	do	55. 25 4. 95
	.0			
		do	do	15.35
		The Atchison Topoka and Santa Fa Payy Co	do	17. 00 19. 15
		The Oregon R. R. and Navigation Co.	do	24, 95
		Missouri, Kansas and Texas Rwy. Co The Atchison, Topeka and Santa Fe Rwy. Co The Oregon R. R. and Navigation Co. Norfolk and Washington, D. C., Steamboat	do	3.00
				5.00
		New York, New Haven and Hudson River R. R. Co.	do	
		Chicago and Northwestern Rwy Co	do	50. 85 9. 80
		Louisville and Nashville R. R. Co.	do	21.88
Aug.	. 3	L. A. Clinton	Traveling expenses	10.15
		Atlantic Coast Line R. R. Co. Chicago and Northwestern Rwy. Co. Louisville and Nashville R. R. Co. L. A. Clinton R. C. M. Burton & Sons Delano & Moore The Chesapeake and Potomac Telegraph Co. do	Awnings	16.00
		The Chesapeake and Potomac Telegraph Co	Call	16, 38
		do	Service.	. 25 2.88
		Thos. Somerville & Sons.	Plumbing material	14.05
		D. F. Parker.	Paper.	25.50
	16	C. M. Syvret	Pulmoing material Paper.  I yard felt Mounting specimens Door tracks, etc Dating stamps Desvere	1, 25 60, 00
	16 17	Barber & Ross	Door tracks, etc.	11.10
		J. Baumgarten & Son.	Dating stamps	. 50
	10	The Geo. W. Knox Express Co	Drayage	. 97
	18	Randolph Paper Roy Co	Seeds Boxes	22. 00 27. 00
		Louisville and Nashville R. R. Čo. L. A. Clinton R. C. M. Burton & Sons Delano & Moore The Chesapeake and Potomac Telegraph Codo Thos. Somerville & Sons D. F. Parker Woodward & Lothrop C. M. Syvret Barber & Ross J. Baumgarten & Son The Geo. W. Knox Express Co. Geo. Gammil Randolph Paper Box Co. Geo. M. Tucker	Lime	64.33

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

GRASS AND FORAGE PLANT INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
	Supplemental—Continued.		
1904.			
Aug. 18	Library Bureau	Cards. Traveling expenses.	\$6.00
25 26	J. S. Cotton Western Union Telegraph Co.	Traveling expenses	12.50
27	David Griffiths	Traveling expenses	$\frac{.25}{90.74}$
29	Geo. F. Muth & Co. Geo. M. Tucker.	Ink, etc	1.45
	Geo. M. Tucker	SeedTransportation	59.24
	United States Express Co	Transportation	4.60 5.34
Sept. 16	St. Joseph and Grand Isle R. R. Co. Nashville, Chattanooga and St. Louis Rwy.	Passenger transportationdo.	19. 48 5. 15
			= 0=
	Norfolk and Western Rwy. Co. Chicago, Rock Island and Pacific Rwy. Co do The Atchison, Topeka and Santa Fe Rwy.	do	5.85 16.00
	do	do.	114. 25
	The Atchison, Topeka and Santa Fe Rwy.	do	26.75
	CO.	3 -	16 50
	Southern Rwy, Co.	do	16.50 12.73
	Maricopa, Phoenix and Salt River R. R. Co	do	12.73 18.65
	Texas and Mexican Rwy. Co	do	4.80
	Santa Fe Present and Phoenix Rwy Co	do	21.60 12.70
	Southern Rwy. Co. Maricopa, Phoenix and Salt River R. R. Co. Texas and Mexican Rwy. Co. National R. R. Co. of Mexico. Santa Fe, Prescot and Phoenix Rwy. Co. Louisville and Nashville R. R. Co. El Paso and Southwestern R. R. Co.	do	5.50
	El Paso and Southwestern R. R. Co	do	3.70
			3.70
	Historia East Coast Rwy	do	9.60 1.04
	Florida East Coast Rwy Missouri Pacific Rwy. Co. Cleveland, Cincinnati, Chicago and St. Louis	do	19.00
	Rwy.		•
	Oregon Rwy. and Navigation Co	do	10.85
20	do Rudolph, West.& Co Adams Express Co	Sandnapor	20.30 .10
20	Adams Express Co	Transportation	13. 10
	do	do	4.50
24	Baltimore and Ohio R. R. Co	Degeneration	2, 25
24	Baitimore and Onio R. R. Co	Passenger transportation	172. 80
	Total		2,709.95
		-	•
	RECAPITULA	ATION.	
First qu	arter		. \$6,363.46
Second q	uarter		. 8,781.47
Fourth o	arter	•••••	. 7,808.44
Supplem	uarter arter uarter ental		2,709,95
То	tal		. 34, 140, 22
	ACCOUNT PAID BY UNITED	STATES TREASURY.	
Date.	Name.	Nature of payment.	Total.
		1 0	
1004			
1904. Dec. 7	Southern Pacific Co	Passenger transportation	\$70.10
		8	
	RENT.		
	Telli 1.		
1904.			
June 13	Jno. M. Beavers	Rent, May, 1904	\$125.00
July 5	do	Rent, May, 1904	125.00
	Total		250.00
	10ta1		200.00
	EXPERIMENTAL GARDEN	NS AND GROUNDS.	
1903.			0
July 20	Chas. White	Potting soil	\$10.00 11.00
25	The E. F. Brooks Co	Burner Mower, etc	42, 75

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. EXPERIMENTAL GARDENS AND GROUNDS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
uly 25	E. S. Schmid E. M. Byrnes et al. J. Baumgarten & Sons.	Plant stakes	\$45.0
31	E. M. Byrnes et al	Colomico	1,346.
lug. 4	J. Baumgarten & Sons	Salaries Stel stamp, etc Raffia for plant work Wire supports Supports Whip, etc Expenses Roofing	7.0
	E. S. Schmid do do	Wire supports	6.0 35.0
7	do	Supports	45. 5
	do. S. D. Houek E. M. Byrnes J. T. Walker Sons E. S. Schmid E. G. Schafer & Co. do Edw. S. Schmid The M. Lindsay Rubber Co. W. I. Brooke T. R. Riley Charles Shore	Whip, etc.	7.2
8	E. M. Byrnes	Expenses	8. 1
10	J. T. Walker Sons	Roofing	18.0
12	E. S. Schmid	Stakes. Ties, etcdo Rose leaf extract.	9.7
	E. G. Schafer & Co	Ties, etc	241.4
13	Edw C Schmid	Rose leef extract	24. 4
14	The M. Lindsay Rubber Co.	Tubing.	4.8
1.	W. I. Brooke	Stone.	1, 7
	T. R. Rilev	Stone. Lumber.	1.7 42.2
22 25 27	Charles Shore	Bicycle tire	3.2
25	Rudolph, West & Co	Rakes, etc.	110. 2
27	George W. Stone	Barrels Ells, etc	7. 5 11. 9
91	E. G. Schaler & Co.	Coloring	1,409.8
20t. 2	James J. Murnhy	Labor and material	35. (
-Po. 2	Charles White.	Salaries Labor and material Sod	5.4
4	Charles Shore Rudolph, West & Co. George W. Stone. E. G. Schafer & Co E. M. Byrnes et al James J. Murphy Charles White Potomac Electric Power Co.	Are lamps	93.0
	do	Arc lamps Electric current Gas Thermometers	2.3
	Washington Gaslight Co. H. A. Dreer E. M. Byrnes J. B. Lambie Co. (Incorporated). Francis Miller E. G. Schafer	Gas	00.
0	H. A. Dreer	Thermometers	28. 5
, 10	I B Lambia Co (Incorporated)	Expenses Wire brads	8.9 1.7
, 10	Francis Miller	Glass	36.7
	E. G. Schafer	Dina ata	19.8
	Hugh Reilly Rudolph, West & Co. J. B. Lambie Co. (Incorporated) J. J. Murphy Charles White Church & Stephenson do.	Brushes, etc. Step ladder, etc. Tubing, etc. Repairs Clover sod	12.4
	Rudolph, West & Co	Step ladder, etc	21.2
	J. B. Lambie Co. (Incorporated)	Tubing, etc	1. ]
10	J. J. Murphy	Repairs	15.0
12 14	Church & Stophenson	Lumber	1. 7 205. I
14	do	Lumberdo.	102.4
16		do	137.3
20	P. Mann & Co. Peter Henderson E. G. Schafer & Co.	do 2 dump carts Knives	85.0
17	Peter Henderson	Knives	85.0 14.1
21	E. G. Schafer & Co.	Ells	37. 3
	do	do	63.2
	F. S. Sehmid	Stakes.	29.5
	do. E. S. Schmid. Thos. Somerville & Sons. Mallinckrodt Chemical Works. Thos. Somerville & Sons.	Ties, etc	29. 1
24	Mallinckrodt Chemical Works	Ties, etc Chemicals Pipe	2.0 189.3
	Thos. Somerville & Sons	Pipe	189.
	E. G. Schafer & Co. National Mortar Co. E. M. Byrnes et al.	Stopcoeks	5. 7 42. 0
0.0	National Mortar Co.	Cement	42.0
30	E. M. Byrnes et al.	Salaries	1,382.8
	Total first quarter		6,071.8
et. 1	Thomas Ragan.	Manure.	40.0
8	Charles Shore E. M. Byrnes Potomac Electric Power Co.	Repairs to bicycle	4.0
	E. M. Byrnes.	Expenses	4. (
10	Potomac Electric Power Co	Expenses. Are lamps, grounds. Electric current.	93.0
	do	Electric current	3.7
	do	do	1.4
	Pudolph West & Co	Transportation	33.6
	Tames B Lambie Co. (Incorporated)	Transportation Hardware Hardware, etc.	22. (
	Blue Line Transfer Co. Rudolph, West & Co. James B. Lambie Co. (Incorporated). Washington Gaslight Co. James B. Lambie Co. (Incorporated). Francis Miller. Patomes Electric Power Co.	Gas	12. 6.0 177.
	James B. Lambie Co. (Incorporated)	Drills, etc	6.0
	Francis Miller	Glass	177.
		Electric current	J. 6
	Thos. Somerville & Sons.	Volves pipe etc	90.0
12		Moss etc	182. 1
12	J. E. Hurley	Hardware, etc. Gas. Drills, etc. Glass. Electric current. Electire current, grounds. Valves, pipe, etc. Moss, etc. Smokestack. Girths etc.	115.0
	J. E. Hurley S. D. Houek National Electrical Supply Co C. J. Fanning Louis P. Menchine Church & Stephenson	Sillokestack. Girths, etc. Silk cord. Slate lining. Asbestos lining, etc. Lumber.	13.0
14	National Electrical Supply Co	Silk cord	1.8
	C. J. Fanning	Slate lining	15.0
	Louis P. Menchine	Asbestos lining, etc	49.
	Church & Stephenson	Lumber	25.
		do	2.8
	do do Columbia National Sand Dredging Co	do	10.0 36.7
		u.V	6.9

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. EXPERIMENTAL GARDENS AND GROUNDS—Continued.

Date.	Name.	Nature of payment.	Total.
f 1903.			
Oct. 22	J. H. Bunnell & Co.	Key sockets	\$1.95
	Edward Hurdle John C. Moninger Co	Iron boxes	12.00 313.70
	do	Ventilating apparatus	62.50
	do. C. M. Woolf & Co.	Baskets	3.80
23	National Mortar Co. The Zeigler Filter and Pottery Co	Cement. Flower pots.	25.20 191.58
20		Mower sections	7.31
00	J. L. Crupper E. G. Schafer & Co	Doors, etc. Plumbers' supplies.	20.00
28	E. G. Schafer & Co. Thos. Ragan	Plumbers' supplies	10.97 10.00
31	E. M. Byrnes et al.	Salaries	1,416.47
Nov. 10	E. M. Byrnes Barber & Ross	Expenses	1.35
13	M. Du Perow.	Iron Electric supplies	4.35
20	Edward Hurdle	Covering steam pipe	3.44 37.75
21	Edward Hurdle The Chesapeake and Potomac Telephone Co.	Telephone service	7.00
23	Washington Gaslight Co. The Okonite Co. (Limited)	Gas	.10 15.00
30	E. M. Byrnes et al.	Salaries	1,411.30
Dec. 1	The A. J. Joyce Carriage Co	Grease	1.50
	Geo. F. Muth & Co	Paints, etc	65.37 31.35
•	dodo	Oil, etc. Lighting grounds	82, 92
	do .	Electric current	. 28 3. 21
	do. Francis Miller. Edw. S. Schmid.	Turpentine and oil	3.21 38.63
	Edw. S. Schmid	Punk.	14.40
	do Rudolph, West & Co. James B. Lambie Co. (Incorporated) Washington Gaslight Co.	Glazing points	5.50 7.70
	Rudolph, West & Co	Hardware	7. 70 5. 50
	Washington Gaslight Co.	Gas.	. 20
	do. Thos. Somerville & Sons	do	. 60
	Thos. Somerville & Sons	Gauges, etc	16.81
	do. Francis Miller E. G. Schafer & Co.	Tanks	53. 64 45. 20
	Francis Miller E. G. Schafer & Codo	Plumbers' supplies	45.20 153.27
	do do		1. 44 15. 92
	do	do	. 60
	do	do	.60 · 1.16
2	Henry A. Dreer Edward Hurdle	Thermometers	13.50 21.10
	do	Repairs Pipe Oil, etc	1. 95
	C Poolton	Oil, etc	2.20
3	J. T. Walker Sons. John C. Moninger Co. Hollands Manufacturing Co.	Felt paper, etc	6. 85 50. 50
o o	Hollands Manufacturing Co.	Mixer etc	. 64
5	The Cramord Paving Co	Mixer, etc	. 64 282. 10
	Edward Hurdle Wallace & Menchine	Gutter	23. 80 9. 79
11	Barber & Ross	Asbestos covering	13.01
_	Barber & Ross. Geo. F. Muth & Co.	Putty	3.50
14	Rudolph, West & Co. Church & Stephenson.	Hardware Lumber	14.75 12.80
14	do	Lumberdo	30.00
16	H. C. Jones	Manure	148.50
17	Thos. Somerville & Sonsdo	Plumbing materials	62.46 $2.40$
	James B. Lambie Co. (Incorporated)	Rules, etc.	3.20
	E. G. Schafer & Co	Rules, etc	20.61
29	Edw. S. Schmid Church & Stephenson	Punk, etc	10.80 100.00
20	E. G. Schafer & Co.	Valves	25.92
31	E. M. Byrnes et al.	Salaries	1,444.10
	Total second quarter		7,361.88
	Total second quarter		
1904.	mi - Danie	25	10.00
Jan. 6	Thos. Ragan Washington Gaslight Co	Manure	13.00
-	Potomac Electric Power Co	Arc lamp	.50 7.50 7.50 75.00
	do	do	7.50
	do do	Lighting grounds	75.00 8.04
	do	do	8.94 5.52
	do Thos. Somerville & Sons	Plumbers' supplies	46.68
12 18	Edw. S. Schmid.	Moss	1.40 15.28
10	LIVIAN IIAI U.S	11011 10tb	0.20
	Louis Hartig Geo. F. Muth & Co.	Gasoline, etc	6.50 2.15

### EXPERIMENTAL GARDENS AND GROUNDS—Continued.

Date.	Name.	Nature of payment.	Total
1904.			
an. 18	The Cranford Paving Co	Repairs to pavement	\$530.
26	do. J. T. Walker Sons. Thos. Somerville & Sons. Rudolph, West & Co. Edwin S. Schmid	do Charcoal Plumbing supplies Bolts Jars	189.
27	Thos Somerville & Sons	Plumbing supplies	7
	Rudolph, West & Co	Bolts.	·
	Edwin S. Schmid.	Jars	6
	Francis Miller Potomac Electric Power Co	Glass Lighting grounds Electric current	1
		Lighting grounds	93
	do	Electric current	$\frac{2}{7}$
31	E M Byrnes et al	Salaries	1,447
b. 3	Washington Gaslight Co	Gas. Check valves. Telephone service Garden barrows	1, 111
~, ~	E. G. Schafer & Co.	Check valves	7
	The Chesapeake and Potomac Co	Telephone service	7
9	Barber & Ross	Garden barrows	16
	The Alexandria Iron Co	Grate bars	47
	James B. Lambie Co. (Incorporated)	Brooms Washers, etc. Electric current.	5
	Potomac Floetric Power Co	Floetric current	3 11
	do	Arc lamps	93
	Washington Gaslight Co.	Gas	1
	do	do	
18	F. S. Earle	Traveling expenses	12
00	do. do. E. M. Byrnes et al. Washington Gaslight Co. E. G. Schafer & Co. The Chesapeake and Potomac Co. Barber & Ross The Alexandria Iron Co. James B. Lambie Co. (Incorporated). Louis Hartig. Potomae Electric Power Co. do. Washington Gaslight Codo. F. S. Earle. Hugh Reilly R. & J. Farquhar & Co. Rudolph, West & Co. Thos. Somerville & Sonsdo. Western Union Telegraph Co. E. M. Byrnes et al. Guy Martellaro. E. G. Schafer & Cododododoguy Martellaro. E. G. Schafer & Codo.	Gas	1
23 24	R. & J. Farquhar & Co	Hardware.	36
24	The Comerville & Sone	Pipe.	12 137
	do "	Die etc	101
. 27	Western Union Telegraph Co.	Die, etc. Service.	
29	E. M. Byrnes et al	Salaries Repairs to harness Valves, etc.	1.397
ar. 1	Guy Martellaro	Repairs to harness	3
3	E. G. Schafer & Co	Valves, etc	19
	Tiden C Cohesid	Moss etc. Hot-water generator. Hose.	6
4	Wm Vone Manufacturing Co	Hot we for gonera for	3 15
5	Mineralized Rubber Co	Hose	52
11	Washington Gaslight Co	Gas	02
	Rudolph, West & Co.	Iron spout, etc.	7
	Wm. J Zeh	Coal	397
	E. G. Schafer & Cododo Edw. S. Schmid Wm. Kane Manufacturing Co Mineralized Rubber Co Washington Gaslight Co Rudolph, West & Co Wm. J Zeh Potomac Electric Power Codo	Lighting grounds	87
	J_	difference and a second	3
	do. Church & Stephenson Postal Telegraph-Cable Co. E. G. Schafer & Co. The Grove Lime and Coal Co. United States Express Co. Washington Gaslight Co. Thos. Somerville & Sons. Edw. S. Schmid	Lumber Service Plumbers' supplies Clay Transportation Gas Asbestos Unsertiede	9 62
	Postal Telegraph-Cable Co	Service	02
	E. G. Schafer & Co.	Plumbers' supplies	45
	The Grove Lime and Coal Co	Clay	1
	United States Express Co	Transportation	8
18	Washington Gaslight Co.	Gas	
. 22	Thos. Somerville & Sons	Asbestos	4
	Edw. S. Schmid	Insecticide Hardware Salaries	24
31	Louis Hartig E M. Byrnes et al.	Salaries	1,457
01	D M. Dyllies et all.		1, 101
	Total third quarter		6,484
or. 7	E. M. Byrnes Washington Gaslight Co. do. Wm. J. Zeh.	Expenses	7
9	Washington Gaslight Co.	Gas.	
	do	Gasdo	397
13	Wm. J. Zeh	Coal	397
14			4
	E. F. Brooks Co. Jas. B. Lambie Co.	Water neater	12 3
	E. G. Schafor & Co.	Plumbors' meterials	14
	E. G. Schafer & Co C. M. Woolf & Co Geo. W. Cutshall	Forks etc	5
15	Geo. W. Cutshall.	Forks, etc.	26
	Frank Lee	do	22
	Chas. W. Dawson	do	22 17
16	Frank Lee Chas. W. Dawson Jno. W. Dawson W. H. Schultheis.	Thornaling appropri	30
16 18	Postal Talegraph-Cable Co	Service	4
10	Postal Telegraph-Cable Co Potomac Electric Power Co	Current	5
			5 93
	dododododododo	do.	8
	Mackall Bros	Chemicals	6
20	J. A. Finnell	Horse	150
30	C. W. Dawson	Salary	16
	Ino W Downer	do	26
	Frank Loo	do	30
	A ALMAN LICE	UU	22
	E. M. Byrnes et al	Salaries	1,051

## $Expenditures\ of\ the\ Department\ of\ Agriculture\ for\ fiscal\ year\ ending\ June\ 30,\ 1904-{\sf Cont'd.}$

## EXPERIMENTAL GARDENS AND GROUNDS—Continued.

Date.	Name.	Nature of payment.	Total
1004			
1904. Iay 13	Washington Gaslight Co	Gas	\$0
2103 20	Western Union Telegraph Co.	Service	
	The Chesapeake and Potomac Telephone Co.	do	7
14	Washington Gaslight Co. Western Union Telegraph Co. The Chesapeake and Potomac Telephone Co. Geo. W. Cutshall Frank Lee	Salary	24
			21 26
	C. W. Dawson	do	15
16	C. W. Dawson. Adams Express Co. do. Guy Martellaro.	Transportation	1
	do	do	2
21	Guy Martellaro	Repairs to harness	7
31	S. Å. Reid Frank Lee	Salary	42 24
	Chas. W. Dawson		17
	G. W. Cutshall	do	28
	Jno. W. Dawson E. M. Byrnes et al	do	28
	E. M. Byrnes et al.	Salaries	952
une 3	E. G. Schafer & Co. Potomac Electric Power Co.	Pipe. Current	4 4
	do.		5
	do.		90
	United States Express Co	Transportation	7
	Thos. Somerville & Sons	Tees, etc.	
6	Adams Express Co	Transportation	2 8
0	E. M. Byrnes Jas. B. Lambie Co	Expenses Drills	8
15	Geo. W. Cutshall	Services	26
	Stephen A. Reid	do	39
	Chas. W. Dawson.	do	16
	Jno. Pope.	do	4
	Frank Wagner Jno. W. Dawson	do	26
	Frank Lee	do	22
20	Rudolph, West & Co. Potomae Electric Power Co.	Lawn mowers, etc	96
	Potomac Electric Power Co	Lighting grounds	93
	do	Current	1
	Geo. F. Muth & Co.	Lamp pole	25 35
	do	Oil, etc.	3
	Jas. B. Lambie Co. Washington Gaslight Co.	Brooms	6
	Washington Gaslight Co	Gas	, 7
	C. M. Woolf & Co.	Hoes, etc.	10
	do Edw. S. Schmid	Wheelbarrows	18 15
	do	Punk	21
30	Geo. W. Cutshall	Salary	28
	Frank Lee	do	22
	Chas. W. Dawson	do	17
	S A Roid	do	19 39
	Frank Wagner S. A. Reid Jno. W. Dawson Jno. Pope E. M. Byrnes et al	do	28
	Jno. Pope	do	19
	E. M. Byrnes et al.	Salaries	879
			4,804
	Total, fourth quarter		4,004
	Supplemental.		
uly 2	Edward Hurdle	Sprinklers	10
uly 2 7	Edward Hurdle Church & Stephenson	Lumber	39
14	E. M. Byrnes	Expenses	1
18	E. M. Byrnes Robt. Murphy Potomac Electric Power Co	Wood for foundation	13
	Potomac Electric Power Co	Arc lamps	90 1
	do	Gas	1
20	Washington Gaslight Co. Chesapeake and Potomac Telephone Co Colorado National Sand Dredging Co	Services	7
_	Colorado National Sand Dredging Co	Sand	9
	do	do	3
	Edw. Hurdle	Sprinkler, etc	$\frac{1}{25}$
	Rudolph, West & Co	Funnels, etc Extract of tobacco	25 25
	Thos. Somerville & Sons.	Tees, etc	5.
	do	Pipe	9.
	do	Tee	2.
ug. 3	Rudolph, West & Co.	Shears	2.
17	Barber & Ross Geo. F. Muth & Co	Buckets	1. 6.
	The C. J. McCubbin Co.	Flanges	2.
18	W. W. Woodworth.	Plant protectors	5.
	Total		261.

### RECAPITULATION.

First quarter	\$6,071.88
Second quarter	7, 361, 88
Third quarter	6, 484, 01
Fourth quarter	4, 804, 04
Supplemental	261. 53
-	
Total	24, 983. 34

Date.	Name.	Nature of payment.	Total
1903.			
ly 25	T. R. Riley	Lumber	\$32
31	L. C. Corbett et al.	Salaries	964
ıg. 4	Louis Hartig	Bolt ends	0
	do. The Bryant Fertilizer Co.	Iron nuts, etc	2 46
	T. R. Riley	Doors, etc.	16
7	Standard Oil Co.	Gasoline	7
12	E. G. Schafer & Co	Sheet lead	15
14	American Writing Machine Co. National Electrical Supply Co.	Paper	6
15	National Electrical Supply Co	Belt, etc.	4
21	Rudolph, West & Co Yawman & Erbe Manufacturing Co.	Hinges	20 36
21	Leidy S. Depue.	Sections Oats	22
27	do.	do	22
	J. G. Waters & Sons.	Cement	17
	E. G. Schafer & Co	Fittings, etc	944
31	L. C. Corbett et al	Salaries Traveling expenses	944
ot. 4	do	Traveling expenses	48
9	Loidy C. Donne	Oats	16 22
9	Leidy S. Depue. Yawman & Erbe Manufacturing Co	Sections	17
10	Barber & Ross	Iron	4
10	T. R. Riley F. W. Bolgiano & Co. G. G. Boteler	Lumber	į
11	F. W. Bolgiano & Co	One-horse buggy	60
	G. G. Boteler	Tool handles, etc	11
18	L. C. Corbett	Expenses	32
21	Church & Stephenson	Lumber	8
	L. S. Depue T. W. Smith T. R. Riley	Hay Transoms, etc	98
	T R Riley	Doors, etc.	22
	Delano & Moore	Plates and films	- 5
24	Delano & Moore The Bryant Fertilizer Co	Fertilizer	83
	H. K. Field & Co	Window frames	239
	do		12
	L. S. Depue Rudolph, West & Co. Thos. Şomerville & Sons.	Oats	45
	Thos Somerville & Sons	Nails Nipples, etc.	9
	Chauncey & Horrigan	Door sills.	
	F. W. Bolgiano & Co.	Wagon bed	16
	National Mortar Co	Mortar	21
30	L. C. Corbett et al.	Salaries	970
	Total, first quarter		3, 934
et. 1	J. Murphy	Brick laying	350
10	Woodward & Lothron	Water cooler and stand	900
	Rudolph, West & Co Standard Oil Co	Nails	12
12	Standard Oil Co	Gasoline	$\epsilon$
	Barber & Ross Leidy S. Depue.	Iron, etc	45
	Louis Hartig	Oats	45
	Louis Hartig. The Falls Church Telegraph and Telephone Co	Messages	6
	National Mortar Co	Cement	31
	J. & H. Aicheson	Iron plates	15
14	The Monumental Iron and Metal Co	Shafting, etc	28
	Church & Stephenson	Lumber	12
22	Delano & Moore	Photo supplies	10
22	Harder Manufacturing Co. H. K. Field & Co. The Silver Manufacturing Co.	Silo	200 14
	The Silver Manufacturing Co	Chain, etc.	14
29	L. C. COTDELL	Expenses	121
31	L. C. Corbett et al.	Expenses Salaries Salaries	121 988
v. 13	F. W. Bolgiano & Co	Bolts	3
00	Delano & Moore	Solio prints	1
23 30	L. C. Corbett	Traveling expenses	23
	L. C. Corpett et al	Salaries	895
ec. 1	L. C. Corbett et al. District of Columbia Paper Manufacturing Co Thos. R. Riley	Hanharium nanar	14

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. ARLINGTON EXPERIMENTAL FARM—Continued.

	ARLINGTON EXPERIMENTAL FARM—Continued.				
Date	э.	Name.	Nature of payment.	Total.	
1903					
Dec.	1	H. C. Yohe National Mortar Co	Mule Cement	\$105.00	
	-	National Mortar Co	Cement	21.00	
		Geo. F. Muth & Co.	Lead. Blocks, etc.	8. 12	
	1	National Electrical Supply Co	Blocks, etc.	9.49	
		w. H. May & Son	Cultivator	28, 50 22, 00	
		do	Wheelbarrows ato	15.80	
		National Mortar Co. Geo. F. Muth & Co. National Electrical Supply Co. W. H. May & Son. do. do. do. Rudolph, West & Co. Thos. Somerville & Sons. Church & Stephenson	Slings, etc Wheelbarrows, etc Rake Hardware	22.00	
		Rudolph, West & Co	Hardware	20. 10	
		Thos. Somerville & Sons	Pipe, etc	190.14	
		Church & Stephenson  do  E. G. Schafer & Co	Lumber Shingles, etc	50.18	
		do	Shingles, etc	333.00	
		E. G. Schaler & Co.	Singles, etc. Pipe, etc. Plumbers' supplies Shredder blades Telephone service Peach pits	17.40 31.01	
	2	The Silver Manufacturing Co	Shrodder blodes	31.01	
	-	The Falls Church Telegraph and Telephone Co.	Telephone service	6. 10	
		Thos. Meehan & Sons	Peach pits	6. 10 2. 55	
		The Silver Manufacturing Co. The Falls Church Telegraph and Telephone Co Thos. Meehan & Sons. J. T. Walker Sons.	Flue and paper. Cement Shafts	6.00	
		do	Flue and paper	36.50	
		The National Mortar Co.	Cement	10.50	
	0	Wm. Walters Son	Sharts	6.00	
	3 8	The National Mortar Co. Wm. Walters Son. The Challenge Wind Mill and Feed Mill Co. Cleveland, Cincinnati, Chicago and St. Louis	Grinder. Passenger transportation	20.00 17.50	
	0	Rwy.	i assenger transportation	11.00	
		Pennsylvania R. R. Co	do	9. 15	
		Pennsylvania R. R. Co New York, New Haven and Hartford R. R.	do	10.50	
		Co.	P. 1.1.1	04.00	
	10	J. Murphy	Brick laying	31.00	
		Loidy S. Dopue	Flue Feed	1.50 60.50	
		W T Walker Brick Co	Brick	400.00	
	11	E. G. Schafer & Co.	Pipe, etc.	21.01	
		Rudolph, West & Co.	Brick Pipe, etc Hardware Lumber	24.28 43.30	
	14	Church & Stephenson	Lumber	43.30	
		Nagle Engine and Boiler Works	Boilers Hardware	139.00	
		Co. J. Murphy J. T. Walker Sons Leidy S. Depue. W. T. Walker Brick Co. E. G. Schafer & Co. Rudolph, West & Co. Church & Stephenson Nagle Engine and Boiler Works W. H. May & Son Herbert Bryant The Falls Church Telegraph and Telephone Co J. Murphy Delano & Moore L. C. Corbett Henry K. Field. The C. J. McCubbin Co. L. C. Corbett	Hardware	5.60	
	16	The Falls Church Tolograph and Tolophone Co.	Wire. Telephone service	3.96 2.90	
	10	I Murnhy	Brick laying	38.50	
	17	Delano & Moore	Brick laying Lantern slides Expenses Doors, etc	2.74	
2	23	L. C. Corbett	Expenses	30.00	
2	29	Henry K. Field.	Doors, etc	174.00	
	0.1	The C. J. McCubbin Co	Ferrules	1.40 669.40	
•	31	L. C. Corbett	Salaries	009, 40	
		Total second quarter		5, 524.38	
1904					
Jan.	2	Archibald Thompson	Carpenter work	260.00	
	7	Archibald Thompson E. G. Schafer & Co do	Carpenter work Materials, waterworks Pipe	11.00	
				5. 26 21. 62	
		Woodward & Lothrop Thos. Somerville & Sons. Wilfong & Fawcett Standard Oil Co	Jar, etc	2,35	
		Thos. Somerville & Sons	Pump	2.35 7.58 442.20	
	8	Wilfong & Fawcett	Plastering	442.20	
	12	Standard Oil Co.		7.04	
		G. G. Boteler H. K. Field & Co Francis Miller Thos. R. Riley Church & Stephenson Louis Hartig L& H. Atcheson	Muzzles, etc. Building materials Turpentine. Lumber	8. 50 32. 66	
		Francis Miller	Turnentine	1.10	
		Thos. R. Rilev	Lumber	5 79	
	18	Church & Stephenson	do	33.40	
		Louis Hartig	Horseshoes, etc	26.38 18.04	
		J. & H. Atcheson New York Central and Hudson River R. R. Co	Pulleys, etc	18.04	
2	25	New York Central and Hudson River R. R. Co	Passenger transportation	7. 46 19. 55	
		Archibald Thompson	Carpenter work	20.00	
	26	W. H. May & Son	Slings	12.00	
4		Delano & Moore	Photo supplies.	1. 14	
2	27	Rudolph, West & Co.	Hinges, etc.	21.46	
		James B. Lambie Co. (Incorporated)	Wire	.38 570.50	
	31	L. C. Corbett et al.	Salaries	570.50	
Feb.	3	Geo. F. Muth & Co.	Oil Innish	7.80	
		7 D. Gilman	Weights	1.36 1.00	
		New York Central and Hudson River R. R. Co Pennsylvania R. R. Co Archibald Thompson. W. H. May & Son. Delano & Moore. Rudolph, West & Co. James B. Lambie Co. (Incorporated) L. C. Corbett et al. Geo. F. Muth & Co The Geo. W. Knox Express Co. Z. D. Gilman. Chesapeake and Potomac Telephone Co. L. C. Corbett.	Telephone service	.20	
	4	L. C. Corbett	Expenses	6.00	
	6	L. C. Corbett. W. R. Beattie	do Horseshoes, etc Pulleys, etc Passenger transportation do Carpenter work Slings Photo supplies Hinges, etc Wire Salaries Oil finish Passenger transportation Weights Telephone service Expenses do	64.29	

# $\label{lem:expenditures} \textit{Expenditures of the Department of Agriculture for fiscal year ending June~30,~190.4---Cont'd}\,.$

### ARLINGTON EXPERIMENTAL FARM-Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Feb. 6	W. R. Beattie	Traveling expenses	\$17.78
.9	M. Du Perow	Switch Photo supplies	. 52
17	Delano & Moore Wolf Bros Thos. Somerville & Sons	Photo supplies	1. 58
23 24	Thos Somerville & Sons	Pipe, etc. Plumbing Telephone service Salaries Paper	5.30 24.26
24		Plumbing	58.47
	The Falls Church Telephone and Telegraph Co L. C. Corbett et al.	Telephone service	6.40
29	L. C. Corbett et al	Salaries	509.80
Mar. 3	C. Morrison Paper Co. do. National Electrical Supply Co. John C. Rau Macreery & Co. Thos. Meehan & Sons.	Paper	24.00
	Notice of Plantain Completion	do.	9.7
	Toba C. Pou	PulleyBatteries	1.2
5	Macroery & Co	Hav	2.7 182.8
	Thos, Meehan & Sons	Hay. Apple stocks	10.6
	Union Envelope Co. Rudolph, West & Co H. Baader W. J. Zeh	Envelopes	2.7
11	Rudolph, West & Co	Brushes, etc. Stovepipe and elbows Coal	2.1
	H. Baader	Stovepipe and elbows	4.6
18	W. J. Zeh	Coal	16.5
22	Hugh Reilly The Falls Church Telephone and Telegraph Co	Paint	.6 2.3
24		Service Transportation Book supports Pulley, etc	2.0
24	Library Bureau	Book supports	1.2
	National Electric Supply Co	Pulley, etc.	1.0
	National Mortar Co	Cement	6, 2
	United States Express Co	Transportation	. 2
0.4	Library Bureau National Electric Supply Co National Mortar Co United States Express Co United States Envelope Co L. C. Corbett et al.	Cement Transportation Envelopes Salaries	2.4
31			591.0
	Total		3, 103. 3
Apr. 9	E. G. Schafer & Co	Pipe. Transportation.	15.19
20	E. G. Schafer & Co. The G. W. Knox Express Co.	Transportation	. 6
	J. H. Catts	Horses	300.0
	N. H. Burke C. T. Goods E. C. Butterfield et al	Mules	432. 0 300. 0
30	F C Butterfield et al	Calania	133, 5
90	Isaac Klinkett	Salary.	36.7
	Tibbitt Allen	do	39.00
	Jno. C. Gordon	do	39.00
	J. W. Kelley	do	37.50
fo 4	Geo. O. Minor.	do	34, 50
day 4	National Marter Co	Comont	3. 5 15. 8
U	National Electric Supply Co	Hydraulic ram	11.0
	Mackall Bros	Formaldehyde	. 7
7	C. E. Butterfield	Traveling expenses.	10.2
9	C. T. Goods	Mules	300.0
12	S. Kann's Sons & Co	Bowl and pitcher	. 7
10	J. Murphy	Labor	3.0
13	Challenge Wind Mill and Food Mill Co	Envelopes	2.5 1.7
	L. S. Depue	Oats	22. 5
16	Conrad Becker	Reins	3.0
19	E. C. Butternied et al Isaac Klinkett. Tibbitt Allen Jno. C. Gordon J. W. Kelley Geo. O. Minor The Falls Church Telephone and Telegraph Co National Mortar Co. Mackall Bros. C. E. Butterfield C. T. Goods S. Kann's Sons & Co J. Murphy United States Envelope Co Challenge Wind Mill and Feed Mill Co. L. S. Depue. Conrad Becker National Electric Supply Co. E. Morrison Paper Co J. & H. Aitcheson. J. M. Thorburn & Co Francis Miller J. E. Hurley L. E. Bild & Co.	Glass balls	4.5
	E. Morrison Paper Co	Jackets	4.2
26	J. & H. Aitcheson	Feed cutter	3.5
une 3	J. M. Thorburn & Co.	Seeds. Oil Repairs to pump Lumber.	.3 2.3
	T F Hurley	Popoirs to nump	2.3 2.7
	H K Field & Co	Lumber	21. 0
1	J. E. Hurley H. K. Field & Co The Falls Church Telephone and Telegraph Co		21.0
	Church & Stephenson.	Service. Lumber	56.1
	Church & Stephenson. F. W. Balgiano & Co.	Harrow	14.5
1	do	Seed, etc	5.4
	American Writing Machine Co.	Paper	9.5
6	Macreery & Co	Hay	199.5
8	M R Weite	Hay Wire Potato plant	5. 6 7. 5
20	Rudolph West & Co	Rolts	31.75
20	The Falls Church Telephone and Telegraph Co	Service	4.0
	H. K. Field & Co	Screens	43.9
	Delano & Moore	Bolts	3.5
	F. W. Balgiano & Co	Plow	10.5
	F. W. Balgiano & Cododo	Service Salary	. 2
- 30	Cornelius Syphax	Salary	10.50
	Total fourth quarter		2, 187. 7

### ARLINGTON EXPERIMENTAL FARM—Continued.

Date.	Name.	Nature of payment.	Total.
1904. July 18 19 20 Aug. 2 3 16 17 26	Supplemental.  L. C. Corbettdo. J. Murphy The H. E. Newbury Co The G. W. Knox Express Co. Rudolph, West & Co. L. C. Corbett. The Falls Church Telephone and Telegraph Co W. R. Beattie W. H. Muth & Co do Adams Express Co.	Traveling expenses Expenses Labor Bulbs. Transportation Pulls Expenses Rental and calls Expenses White lead Lead Transportation	\$7, 26 69, 56 10, 96 10, 66 3, 55 1, 44 83, 56 4, 99 17, 85 3, 14 3, 11 3, 11
	Total		217.00

### RECAPITULATION.

Total first quarter \$\$ Total second quarter \$\$ Total third quarter \$\$ Total fourth quarter \$\$ Total supplemental \$\$ \$\$	2, 187, 70
Total	1,967.29

### TEA CULTURE INVESTIGATIONS.

Date.	Name.	Nature of payment.	Total.
1903.			
July 31	E. E. Hicks		\$84.20
Aug. 3	J. H. Kinsler		84.20
19	Geo. F. Mitchell		40, 40 25, 00
31	L. R. Gadsden E. E. Hicks		25.00 84.20
Sept. 3	J. H. Kinsler		5.80
3 ept. 3	C. U. Shepard	Tea.	316.25
9	J H. Kinsler		84. 20
11	G. F. Mitchell	do	40.40
	L. R. Gadsden	do	25.00
17	C. U. Shepard	Expenses	95.74
30	E. E. Hicks et al	Salaries	132.04
	Total first quarter		1,017.43
	_		
Oct. 2	J. H. Kinsler	Salary	81.60
9	L. R. Gadsden	do	25.00
10	G. F. Mitchell	Expenses.	19. 57 16. 75
16	Charles U. Sheparddo	dodo	35, 37
22	G. M. Davis & Son	Cylinder	31. 15
22	The Bailey-Lebby Co.	Iron rings, etc.	35,00
	do.	Shaft, etc	42.59
	Emil Greiner	Thermometers	6.00
23	The Bailey-Lebby Co	Wheels, shafts, etc	29.73
	R. S. Long	Apparatus	78.60
29	Charles U. Shepard	Expenses	21.85 141.50
31 Nov. 3	E. E. Hicks et al	Salaries	84.20
Nov. 3	J. H. Kinsler Charles U. Shepard	Salary Expenses	20, 05
10	L. R. Gadsden	Salary.	25, 00
30	E. E. Hicks et al.	Salaries	137.00
Dec. 1	Geo. F. Mitchell	Salary	79.60
	R. Carter Ballantyne	Pen carbon books	3.76
2	Eimer & Amend	Weights, etc	6.20
	Chas. U. Shepard	Tea seed	75.00
3	R. S. Long	Material and labor	8, 80 81, 60
4 8	J. H. Kinsler	Salarydo	25.00
8	L. R. Gadsden G. F. Mitchell	Traveling expenses	5.75
14	Woodward & Lothrop.	Tea balls	1.38
29	The Bailey-Lebby Co.	Wire cloth	9.90
31	E. E. Hicks et al	Salaries	141.50
		-	* 000 17
	Total second quarter		1,269.45

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. TEA CULTURE INVESTIGATIONS—Continued.

Da	ate.	Name.	Nature of payment.	Total.
	904.	John H. Kinsler	Salary	\$84.20
Jan.	6	L. R. Gadsden	do	25. 00
	25	L. R. Gadsden Stewart, McLeod & Co.	Machinery	34.98
	26	Adams Express Co. Edw. Kremers E. E. Hicks et al. J. H. Kinsler	Transportation Salary Salaries Salary	16. 23
		Edw. Kremers	. Salary	604, 20
	31	E. E. Hicks et al.	Salaries	184.00 85.20
Feb	. 2	J. H. Kinsler	Salary	85. 20
	11			25.00
	12	I. P. Roosa. do. J. H. Kinslerdo  Mallinckrodt Chemical Works. Western Union Telegraph Co. E. E. Hicks et al.	Expenses	12. 34
	13	I H Vinelor	do	7.79 75.12
	20	do	dodo. Transportation.	104. 84
	20 23 27	Mallinekrodt Chemical Works	Salts	1. 15
	27	Western Union Telegraph Co	Service	3, 39
	29	E. E. Hicks et al. J. H. Kinsler J. T. Walker Sons	Salaries	172.00 79.60
Mar	. 2	J. H. Kinsler	Salary	79.60
	3	J. T. Walker Sons	Sand	1.00
		M. Du Perow	Supplies	2.77
		Z. D. Gilman	Bottles Salary Lumber	3. 53
	4	A P Rorden & Co	Lumber	25.00 251.00
		Henry Heil Chemical Co	Pipettes	1.48
	5	L. R. Gadsden A. P. Borden & Co. Henry Heil Chemical Co. Library Bureau	Cards.	10.55
		Merck & Co. Queen & Co. (Incorporated). J. H. Kinsler.	Chemicals Alcohol Expenses	2. 28
		Queen & Co. (Incorporated)	Alcohol	11.00
	10	J. H. Kinsler	Expenses	154.52
	11	Atlantic Coast Line R. R. Co.  New York, Texas and Mexico Rwy. Co.  Southern Rwy. Co.  Texas and New Orleans R. R. Co.  Whitall Tatum Co.	Funnels Passenger transportationsdo	11.58
	17	Atlantic Coast Line R. R. Co	Passenger transportations	15. 85
	18	New York, Texas and Mexico Rwy. Co	do	115.78
		Toyog and Now Orleans P. P. Co.	Passanger transports tion	15. 05 28. 85
	21	Whitall Tatum Co	Passenger transportationTube. Traveling expenses. Salaries.	2.41
	22	R. D. Trimble.	Traveling expenses	18.30
	22 31	R. D. Trimble E. E. Hicks et al	Salaries	344. 10
		Total, third quarter		2,529.96
A		Inc. II Vingles	Colomy	07.00
Apr.	11	Jno. H. Kinsler	Salary	85. 20 10. 25
	12	C. S. Pitcher	Repairing dies. Valve.	19, 85
	14	Mackall Bros.	Ether, etc	13. 12
		The Bailey Lebby Co C. S. Pitcher Mackall Bros Woodward & Lothrop	Clock Traveling expenses Bagging	1.50
	18	G. F. MITCHER	Travenue expenses	7.75
	19	Jas. Scott & Sons L. R. Gadsden	Bagging	106. 25
		L. R. Gadsden	Salarv	25. 00 7. 00
	-00	H. J. Greene. Southern Rwy. Co.	Thermometers	7.00
	20	Southern Rwy. Co	Passenger transportation	66.10
		Washington Southarn Dwg Co	do	14. 55
		do	do	15. 85 15. 85
	29	do. Washington-Southern Rwy. Co. do. Edw. Kremer.	Expenses	13. 53
		J. H. Kinsler E. E. Hicks et al J. H. Kinsler Whitall Tatum Co	do	18. 80
	30	E. E. Hicks et al	Salaries	253, 90
May	4	J. H. Kinsler	Salary	82. 40 7. 45
	6	Whitall Tatum Co	Bottles	7.45
	7	1. P. Roosa	Duty on tea machinery	470.84
	11	L. R. Gadsden	Salary	25.00
		G F Witchell	Expenses Salary	32.60
	12	W T Richtmann	Troveling expenses	44.51 15.60
	13	Western Union Telegraph Co	Traveling expenses Service Passenger transportation Expenses	. 30
	18	Atlantic Coast Line R. R. Co	Passenger transportation	15. 85
	23 25	A. T. Borden	Expenses	76.05
	25	Chas. U. Shepard	do	48.39
т	31	L. R. Gadsden J. H. Kinsler G. F. Mitchell W. T. Richtmann Western Union Telegraph Co. Atlantic Coast Line R. R. Co. A. T. Borden Chas. U. Shepard E. E. Hicks et al. C. S. Pitcher.	Salaries. Woven wire.	262.20
June	3	C. S. Pitcher	W oven wire	72.50
	17	Geo. Truesdell	Spring water	1.00
	11	G. F. Mitchell J. H. Kinsler	Salary	25. 00
		I H Kineler	do	51.00 85.20
	20	Adams Express Co	Transportation	5, 00
		C. S. Pitcher	Wire	18. 12
	29 30	C. S. Pitcher Adams Express Co	Wire. Transportation.	. 80
	30	E. E. Hicks et al	Salaries	253.90
		TD-1-1 6	The state of the s	0.000
		Total, fourth quarter		2, 268. 21

### TEA CULTURE INVESTIGATIONS—Continued.

Date.	Name.	Nature of payment.	Total.
1904. July 2 5 9 11 15 19 23 Aug. 3 11 17 18 Sept. 19 20	Supplemental.  J. H. Kinsler. Chas. U. Shepard G. F. Mitchell L. R. Gadsden. Chas. U. Shepard A. H. Thomas Co. The Bailey Lebby Co J. H. Kinsler. Pennsylvania R. R. Co. A. P. Borden F. H. Finley & Son. H. E. Juenemann The Chesapeake and Potomac Telegraph Co. McLeod Russel & Co. Marshall Sons & Co. Western Union Telegraph Co. Chicago and Northwestern Rwy. Co. Adams Express Co.	Salary do do Expenses Flasks Wire Expenses Passenger transportation Expenses Distilled water Traveling expenses Service Cablegram Tea drier Service Transportation do	\$82. 40 35. 53 49. 50 25. 00 27. 30 9. 54 46. 75 43. 95 10. 00 36. 30 2. 50 4. 00 23. 68 3. 75

### RECAPITULATION.

Total, first quarter         \$1           Total, second quarter         1           Total, third quarter         2           Total, fourth quarter         2           Supplemental         1	2, 269. 45 2, 529. 96 2, 268. 21 1, 454. 05
Total8	3, 539. 10

### PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS.

Date.	Name.	Nature of payment.	Total.
1903.			
July 17	Capital Traction Co		\$10.00
23	H.A. Dreer (Incorporated)	Vegetable seeds	5. 99 7. 00
27	J. M. Lupton J. M. Thorburn & Co		70.40
28	Chas. P. Braslan	do	4, 569. 40
29	National Electrical Supply Co	Desk fan	10.50
	do		1.00
0.1	E. J. Pullman	do	.90
31 Aug. 1	A. J. Pieters et al. W. W. Tracy, sr		3,753.24 252.70
Aug. 1	E. Q. Knight	do	60, 00
	G. W. Churchill	do	25.00
4	W. W. Tracy, sr	Traveling expenses	60.64
	A. J. Pieters	do	10. 25
	Wyckoff, Seamans & Benedict		90.00
	E. P. Hazelton		3,00
	do.		.75
	M. Du Perow	Tubes, etc	7.44
5	G. P. McCabe.	Traveling expenses	10.45
7	E. P. Hazelton	Tires	6. 00 800, 00
10 12	Comstock, Ferre & Co	Seeds	28.00
13	David Bisset.	Plants.	80.00
14	J. A. Pierpoint	Scoops	1.50
15	Francis Miller	Glass	. 73
17	Emil Geiner	Graduate glass	6.00
	C. R. Hudson The Okonite Co. (Limited)	Services	15, 00
	F. R. Pierson		56, 00
	Queen & Co. (Incorporated)		1.20
	J. M. Thorburn & Co		646.80
	C. C. Morse & Co.		7,645.63
	Charles Parker		1, 976. 85 860, 00
	F. Barteldes & Co		764, 00
18	Woodward & Lothrop		. 95
19	T. W. Wood & Son	Seeds	750.00
	J. M. Lupton	do	7,071.75

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS—Continued.

Dat	te.	Name.	Nature of payment.	Total.
190	3.			
ıg.	19	H. C. and J. B. Agnew Barber & Ross Capital Traction Co F. P. May & Co Jas. B. Lambie	Seeds	\$1,800.0
_	20	Barber & Ross	Cups240 car tickets	6.7
	21	Capital Traction Co	240 car tickets	10.0
		F. P. May & Co	Hatchat ata	2.8 2.0
	27	Jas. B. Lambie	Mouse traps	2.0
	31	A. J. Pieters et al	Salaries	3,428.7
pt.	1	W. W. Tracy, sr	Salary do do	252.7
		Alfred C. Garton	do	26. 9 117. 9
		J. E. W. Tracy	do	117. 9
		E. Q. Knight	do	60.0
		G. W. Churchill	Traveling expenses	25.0
	3	B. T. Galloway	Traveling expenses	1.0 12.6
	4	Washington Caslight Co	Electric current	12.
	8	Washington Gasught Co	Traveling expenses	16
	9	Vouman & Erba Manufacturing Co	File sections of	46. 4 97. 5
	10	T C Parker	Evolet machine etc	97.6
	10	E C Cohmid	Paper hoves	8. § 22. (
		T H Puppell & Co	Sockets	1 (
		Currio Pros	Soode	1.9
	11	The Cleveland Seed Co	Gas Traveling expenses Traveling expenses File sections, etc Eyelet machine, etc. Paper boxes Sockets Seeds do	905.8
	11	A. J. Pleters et al.  A. J. Pleters et al.  W. W. Tracy, sr.  Alfred C. Garton  J. E. W. Tracy.  E. Q. Knight.  G. W. Churchill  B. T. Galloway.  Potomae Electric Power Co.  Washington Gaslight Co.  A. T. Pieters.  Yawman & Erbe Manufacturing Co.  J. C. Parker.  E. S. Schmid.  J. H. Bunnell & Co.  Currie Bros.  The Cleveland Seed Co.  Northrup, King & Co.  W. W. Tracy, sr.  . do.	Reets	280. (
	14	W. W. Tracy sr	Beets. Traveling expensesdo	13. 9
	1.7	do	do	62.
	16	E. A. Burnett. H. McC. Dowdy. Pennsylvania R. R. Co. Delano & Moore. Detroit and Cleveland Navigation Co.	Expenses	71. 5
	17	H. McC. Dowdy	Expenses Report on vegetables Passenger transportation	24.0
	18	Pennsylvania R. R. Co	Passenger transportation	14.5
	10	Delano & Moore	Passenger transportation Film, etc. Passenger transportation. Sashes, etc. Locks. Hose, bibb, etc. Seeds. Tree labels. Lumber. Alfalfa seed Vicia vallosa Paper, etc.	2.
	19	Detroit and Cleveland Navigation Co	Passenger transportation	7. 0
'	21	Church & Stephenson  Rudolph, West & Co  E. G. Schafer & Co  J. M. Lupton  Dayton Fruit Tree Label Co  Church & Stephenson  W. H. Moschause & Co	Sashes, etc	86.
	21	Rudolph, West & Co	Locks	9 (
		E. G. Schafer & Co.	Hose, bibb, etc.	
	24	J. M. Lupton	Seeds	1,505.0
		Dayton Fruit Tree Label Co	Tree labels	99.
		Church & Stephenson	Lumber	66.0
		W. H. Morehouse & Co	Alfalfa seed	110.5
		Henry Nungesser	Vicia vallosa	75. (
		Automatic Regulator Co	Paper, etc	49. 2
		Henry Nungesser. Automatic Regulator Co. American Writing Machine Co.	Typewriter paper	38. 0
		Lamb & Tilden	Paper, etc. Typewriter paper Numbering machine	35. 0
		Lamb & Tilden E. Howard Clock Co Francis Miller Vaughan's Seed Store.	Dials Lights Vegetable seeds	9. 6
		Francis Miller	Lights	3. 2
		Vaughan's Seed Store	Vegetable seeds	2. 6
	24	Weeber & Don	do	2.4
		D. M. Ferry & Co	do	2.2
		vauguan's seed store Weeber & Don. D. M. Ferry & Co. J. M. Thorburn & Co. Peter Henderson & Co. N. L. Willet Drug Co. F. Barteldes E. A. Burnett Edward L. Cov	do	2.0
		Peter Henderson & Co	do	1.8
	28	N. L. Willet Drug Co	do	850.0
		F. Barteldes	Alfalfa seed	135.8
		E. A. Burnett	Expenses.	59.
		Edward L. Coy.	Traveling expenses	12.
		C. C. Bateman	dodo	62. 107.
		Edward L. Coy C. C. Bateman C. F. Wheeler Cox Seed Co A. J. Pieters et al.	do	107.
	00	Cox Seed Co.	Beans	442.
	30	A. J. Pieters et al	Salaries	3,581.
		A		
		Total, first quarter		44, 324.
		C D M-O-1-	(Day 1) in an array	
t	T	W W Crook ar	Traveling expenses	9.1
	2	Geo. P. McCabe. W. W. Tracy, sr J. E. W. Tracy.	Salarydo.	244. 114.
		J. E. W. Tracy	do	114.
	3 5	A. J. Pleters	Traveling expenses	5. 25.
	0	E O Vright	barary	60.
	8	Lohn C. Barker	Condo	17.
	10	Washington Gaslight Co	Gas Santambar	17.
	10	do	Gas Angust	
		The Geo W Knov Evarence Co	Transportation	:
		Woodward & Lothron	do Traveling expenses Salary do Cards Gas, September Gas, August Transportation Water coolers	9.
		Potomac Electric Power Co	Electric current	13.
		Rudolph West & Co	Screws etc	60
		J. E. W. Tracy A. J. Pieters. G. W. Churchill E. Q. Knight John C. Parker Washington Gaslight Co The Geo. W. Knox Express Co Woodward & Lothrop Potomae Electric Power Co Rudolph, West & Co Potomae Electric Power Co J. T. Walker Sons	Water coolers. Electric current Screws, etc. Electric current.	60. 11.
	12	J. T. Walker Sons	Felt	18.
	14	J. T. Walker Sons M. Du Perow F. W. Bolgiano & Co	Felt Clusters, etc Oats	5
		F. W Rolgiano & Co	Oats	5. 35.
		do	Seeds	5.
		J. M. Kimberlin & Co	do	600.
		J. M. Kimberlin & Co. The Oliver Typewriter Co.	Typewriter	75.
		- LO CATOL A POTITION CO	- 1 bo * 1001	. 0.

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
ct. 14	The E. F. Brooks Co.	Radiator, etc	\$41.
	Delano & Moore.  E. Morrison Paper Co. Church & Stephenson.  Thos. R. Riley. C. M. Woolf & Co. M. Du Perow. E. M. Byrnes. S. A. Khapp.	Photo supplies	3. 12.
	E. Morrison Paper Co.	Paper Sawdust.	12.
	Thos. R. Riley	Sawdust. Lumber Buckwheat hulls. Electrical supplies Traveling expenses Expenses	3. 3.
	C. M. Woolf & Co.	Buckwheat hulls	12.
	M. Du Perow.	Electrical supplies.	1.
19	E. M. Byrnes	Traveling expenses	5.
21	S. A. Knapp. Thomas D. George. Geo. P. McCabe. The International Postal Supply Co. of New	Expenses	71.
23	Geo. P. McCabo	Papering Traveling expenses Rent machine	20.
20	The International Postal Supply Co. of New	Rent machine	26. 100.
	York. Nicholas Le Page. Henry A. Dreer (Incorporated) W. Atlee Burpee & Co. The Okonite Co. E. H. Morrison Chas. Montague. J. M. Thorburn & Co. do. C. R. Hudson. Capital Traction Co.	Total machine	100.
	Nicholas Le Page.	Bulbs	28.
	Henry A. Dreer (Incorporated)	do	100.
	W. Atlee Burpee & Co	Seeds	1.
	F H Morrison	Wire	3.
	Chas. Montague	do	258. 15.
	J. M. Thorburn & Co.	do	11
	do	do	5.
	C. R. Hudson. Capital Traction Co. Thos. Somerville & Sons. W. W. Tracy, sr. Thomas Ragan. The Chesapeake and Potomac Telephone Co. W. W. Long. S. A. Khano.	Work on cotton	34.
	Capital Traction Co.	Fare tickets Pipe, etc Traveling expenses	10. 12.
00	Thos. Somerville & Sons	Pipe, etc.	12.
28	Thomas Ragan	Manura	124
	The Chesapeake and Potomac Telephone Co.	Telephone service	15,
29	W. W. Long	Manure Telephone service Traveling expenses	6. 13.
	S. A. Knapp. New York Central and Hudson River R. R.	Expenses Passenger transportation Passenger transportation	67.
31	New York Central and Hudson River R. R.	Passenger transportation	11.
	Co.		
	Michigan Central B. B. Co	do	6.
	Michigan Central R. R. Co. Newport and Wickford R. R. and Steamboat	do	13. 3.
	Co.		0.
	A T Diotoma et al	Salaries	3,722.
ov. 3	J. E. W. Tracy	Salary	117,
	G. W. Churchill	do	25.
4	G. W. Churchill. W. W. Tracy, sr. E. Q. Knight Wheeler & Wilson Manufacturing Co	do	117, 25, 252, 60,
4	Whoolar & Wilson Manufacturing Co	Pont of machine	, 3.
10	Goldsmith Co	Signs	10.
11	C. C. Bateman	Traveling expenses	42.
13	wheeler & Wilson Manufacturing Co. Goldsmith Co. C. C. Bateman J. L. Crupper R. P Andrews & Co. (Incorporated) Barber & Ross M. Du Perow B. T. Galloway Edward L. Cov	Signs. Traveling expenses Door.	2.
	R. P Andrews & Co. (Incorporated)	Paper Label holders Switch Traveling expenses	13 37
	Barber & Ross	Label holders	37
14	B T Collower	Tra valing avnances	49
17	Edward L. Cov	do	12
19	James W. Wilson	Expenses	90.
	Edward L. Coy. James W. Wilson Edward L. Coy.	do. Expenses. Cultivation cucumbers.	90. 275.
20	J. M. Beavers Chas. E. Pruntz D. M. Ferry & Co. Henry F. Mitchell Thomas Meehan & Sons C. J. Speelman & Sons John W. Macrae Smith W. B. Moses & Sons Potomac Electric Power Co. O. G. Hempstead & Co C. R. Hudson S. A. Knapp Robert McLennan S. A. Knapp W. H. Morehouse & Co E. A. Burnett do	Barrels Grass seed Seed Bulbs	3
	Unas. E. Pruntz.	Grass seed	450. 40. 100.
	Henry F Mitchell	Rulbs	100
	Thomas Meehan & Sons	Plants	12
	C. J. Speelman & Sons.	Plants Bulbsdo Bookcases, etc	12. 1,247. 103. 14.
	John W. Macrae Smith	do	103.
21	W. B. Moses & Sons.	Bookcases, etc	14.
02	Potomac Electric Power Co	Lamps	1.
23	C P Hudson	Seeds Services Expenses	11. 12.
	S. A. Knann	Expenses	101
24	Robert McLennan	Traveling expenses	17.
25	S. A. Knapp.	Seed Expenses	17. 129. 144.
	W. H. Morehouse & Co.	Seed	144.
27	E. A. Burnett	Expenses	20.
30	W W Troop or	Solory	244.
	A. J. Pieters et al	Salaries	3,640
ec 1	Wm. J. Zeh	Coal	3,640. 397.
	The Chesapeake and Potomac Telephone Co.	Telephone service	1.
	do	do	2.
	. A. Bullett do. W. W. Tracy, sr A. J. Pieters et al. Wm. J. Zeh The Chesapeake and Potomac Telephone Co. do. Potomac Electric Power Co. Thos. B. Piloy.	Salary Salaries Coal Telephone servicedo Electric current	1. 2. 3. 8.
			8.
	M. Du Perow do Pope Manufacturing Co.	do de	2. 2.
	Pone Manufacturing Co	Tire, etc.	5.

## PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS-Continued.

ate.	Name.	Nature of payment.	Total.
003.			
. 1	Pope Manufacturing Co	Bars	\$0.7
	F W Rolgiano & Co	Seeds	1.8
	Brentanos	Pen	4, (
	do	Memorandum books	6, 5
	do	Memorandum books	5, 8
	do	Pen	2. 5 1. 5
	Hugh Reilly Rudolph, West & Co Woodward & Lothrop	Brushes Hand cart	7.4
	Woodward & Lothron	Desks, etc.	73.0
	Church & Stephenson. Thos. Somerville & Sons E. Morrison Paper Co. Clark & Davenport.	Moss	2. 1
	Church & Stephenson.	Lumber. Traps.	2. 1 179. 7
	Thos. Somerville & Sons	Traps	28. 3
	E. Morrison Paper Co	Pencils	27. 5
	Clark & Davenport	Rug	27. 5
	Gark & Davenport.  do. Francis Miller National Electrical Supply Co. Washington Gaslight Co. James B. Lambie Co. (Incorporated).  do. do. do.	do Glass Electrical supplies Gas Broom Belting	37. 5 3. 9
	rancis Miller	The tried appelies	10.0
	Washington Caslight Co	Goe	1.0
	Ismes R Lambie Co. (Incorporated)	Broom	1.0
	do	Belting	1. 2 5. 7
	do.	Hangers, etc	3.3
	do Pope Manufacturing Co. John W. Macrae Smith.	Hangers, etc	1.7
	Pope Manufacturing Co	Vulcanizing tire	
2	John W. Macrae Smith	Vulcanizing tire	5. (
	L. L. May & Co. W. Atlee Burpee & Co. Peter Henderson & Co. Henry A. Dreer (Incorporated).	Seed	6.7
	W. Atlee Burpee & Co	do	5, (
	Peter Henderson & Co	V101ets, etc.	38.8 296.2
	Henry A. Dreer (Incorporated)	Bulbs.	296. 2 36. (
	Thos. Meehan & Sons	Plants	211.9
	do	Coffee plants	8.6
	do Oliver Typewriter Co. Wheeler & Wilson Manufacturing Co.	Coffee plants Repairing typewriter	3. (
	Wheeler & Wilson Manufacturing Co	Rent machine	3. (
	J. Baumgarten & Sons	Daters	10.
	R. P. Andrews & Co. (Incorporated)	Clips	9.
	J. B. Espey	Spring	2.0
	C. M. Woolf & Co.	Rept machine Daters Clips Spring Buckwheat hulls	12.
	Wheeler & Wison Manuacturing Co. J. Baumgarten & Sons. R. P. Andrews & Co. (Incorporated). J. B. Espey. C. M. Woolf & Co. Kellogg Switchboard and Supply Co. T. W. Wood & Sonsdo.	Desk stand Seeds	11. 9. 9.
	T. W. Wood & Sons	Seeds	. 9. 3
	T C Williams	Use land etc	15.6
	Rendolph Paper Roy Co	do. Use land, etc. Boxes. Seed.	175. 0 186. 0
	M. Cushman & Co	Seed	146.
	W. S. Hull	Salaty	50.0
3	do. T. S. Williams Randolph Paper Box Co. M. Cushman & Co. W. S. Hull D. S. Bliss	Salary Traveling expenses Plants Drawings	2.5
	Robert Craig & Son	Plants	93.0
	C. Wesley Coy	Drawings	24.0
	W. A. Manda (Incorporated)	Plants	42.
	P. J. Berekman Co	Grapevines.	109.
	Nicholas Le Page	Packing, etc. Pots of plants.	1.6
	The Albert Dickinson Co	Speeds .	165.0 12.3
	The Draper Manufacturing Co.	Thermometers	80.0
	G. L. Taber	Grapevines	71
	D. S. Bliss. Robert Craig & Son. C. Wesley Coy. W. A. Manda (Incorporated). P. J. Berckman Co. Nicholas Le Page. Wm. K. Harris. The Albert Dickinson Co. The Draper Manufacturing Co. G. L. Taber. Aug. Rhotert. F. W. Galehouse. E. H. Purdy. F. H. Schule Co. Slaymaker & Son. S. A. Knapp.	Thermometers Grapevines Rafia	71. 19.
	F. W. Galehouse	Seeds	37.
	E. H. Purdy	do	31.
	F. H. Schule Co.	Separator. Strawberry plants. Expenses	150.
	Slaymaker & Son	Strawberry plants	261.
4	S. A. Knapp	Expenses	60.
	Chan D. Woods	Salary	163.
	E. O. Knight	Salary	6. 60.
	G. W. Churchill	do	25.
8	Boston and Maine R. R.	Passenger transportation	4.
	California Northwestern Rwy. Co	do	3.
	do	do	6.
	S. A. Knappdo Chas. D. Woods. E. Q. Knight G. W. Churchill Boston and Maine R. R. California Northwestern Rwy. Codo John Comments of the Comments of the Chesapeake and Ohio Rwy. Codo Pennsylvania R. R. Codo	do	27.
	The Chesapeake and Ohio Rwy. Co	do	77. 25.
	Pennsylvania R. R. Co	do	25.
	Pennsylvania R. R. Cododo Missouri, Kansas and Texas Rwy. Co	do	4.
10	T. Steineman	Translating	4.
11	Brentenes	Pop	12.0
11	The Geo W Knox Express Co	Transportation	5.0
	do. W. Ellon Enpiess Codo	Translating Pen Transportationdo Tags Tickets	54. 135.
1.4	Hamilton Adams	Tags	6.0
14			

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS—Continued.

Date.	Name.	Nature of payment.	Total.
1903. Dec. 14	Church & Stephenson	Lumber	e20 re
Dec. 14			\$30.56 14.00
	dodododododododo.	Ged Tobaccco seed	6.72
	Vilmorin, Andrieux & Co	Seed	493.68
	R. Vander Schoot & Son	Bulbs	600.00 319.47
	The Stoors & Harrison Co.	Fruit trees, etc.	56, 26
	T. V. Munson & Son.	Bulbs Fruit trees, etc Grapevines Blank sheets	44.00
	Wm. G. Johnston & Co	Blank sheets	16.00 48.00
	wm. G. Johnston & Co Bush & Sons. Underwood Typewriter Co. Carl Purdy. do. do. Pennsylvania R. R. Co. do.	Stand	4. 25
	Carl Purdy	Bulbs	10.50
15	S. A. Knapp	Expenses	29. 29
	dodo	do	62.00
	Pennsylvania R. R. Co	Transportation	94. 70 6. 32 6. 94
	do	do	6.94
	Littlefield, Alvord & Co. Adams Express Co. Washington Southern Rwy. Co. The John C. Grafflin Co. P. J. Berckman Co.	do	30. 54 13. 76
	Washington Southern Rwy, Co	do	9,00
16	The John C. Grafflin Co	Bags	9.00 357.50
	P. J. Berckman Co.	Citrus trifoliota	20.00
	The Everett B Clark Co	Plants Seeds Grapevines	$120.50 \\ 2.50$
	T. S. Hubbard Co.	Grapevines.	308.60
17	The John C. Graffin Co. P. J. Berckman Co. C. J. Speelman Sons. The Everett B. Clark Co. T. S. Hubbard Co. Rudolph, West & Co. James B. Lambie Co. (Incorporated) The Maurice Joyce Engraving Co. Chicago and Eastern Illinois R. R. Co. Maine Steamshin Co.	Springs, etc Traps Signatures Passenger transportation	7.43
	The Maurice Leves Engraving Co.	Traps	.60
18	Chicago and Eastern Illinois R. R. Co.	Passenger transportation	5.30
	Maine Steamship Co Baltimore and Ohio R. R. Co H. Clay Jones Barr & Sons A. J. Pieters	do do Manure	6.00
10	Baltimore and Ohio R. R. Co	do	4. 37
19	H. Clay Jones  Barr & Sons	Rulbs	169. 09 73. 52
23	A. J. Pieters	Expenses	9.98
26	do. Elias L. Rivers The John C. Grafflin Co. The Albert Dickinson Co. I. M. Thorburn & Co.	Bulbs	27. 85
28 29	Elias L. Rivers	Socks	$400.00 \\ 71.50$
29	The Albert Dickinson Co.	Seeds	88.75
	The Albert Dickinson Co J. M. Thorburn & Co. Henry A. Dreer (Incorporated) do. Hamilton Adams Giddings & Steele W. B. Moses & Sons District of Columbia Paper Manufacturing Co J. E. W. Tracy A. J. Pieters et al.	do	1.57
	Henry A. Dreer (Incorporated)	do	16.60 2.60
	Hamilton Adams	Fasteners	3.50
	Giddings & Steele	Rugs	13.00
	W. B. Moses & Sons	Bookcases	40.00 27.00
	I E W Tracy	Rugs Bookcases Blotting paper Traveling expenses Salaries	46.73
31	A. J. Pieters et al.	Salaries	3,825.53
	77 ( )		04 000 10
	Total second quarter		24,832.12
1904.			
Jan. 2	W. W. Tracy, sr. W. S. Hull	Salary	252, 70
F	W.S. Hull.	do. Expenses	50.00 55.24
5	E. Q. Knight	Salary	60,00
	S. A. Knapp. E. Q. Knight G. W. Churchill S. A. Knapp		25.00
6	S. A. Knappdo	Eyponeoe	168. 50 28. 80
	do. do. Mary A. Austin F. P. Hardenstein. Washington Gaslight Co. Potomae Electric Power Co. do. E. G. Schafer & Co.	do	28. 80 37. 20 4. 52
	Mary A. Austin	Salary	4.52
	F. P. Hardenstein	do	2.42
7	Washington Gaslight Co	Gas	1.40
	dodo	Gas. Lamps. Electric currentdo Plumbers' supplies Chairs, etc. Stationery supplies Clock and shades	1. 28 2. 67
	do	do	. 30
	E. G. Schafer & Co	Chairs ate	$\begin{array}{c} 3.50 \\ 20.00 \end{array}$
	John C. Parker	Stationery supplies	83. 93
	Woodward & Lothrop	Clock and shades	. 15, 75
8	J. T. Walker Sons	Felt	18.00
	National Window and Office Cleaning Co	Stand	5, 10 4, 25
	W. J. Zeh	Coal	397 00
11	B. T. Galloway.	Traveling expenses	39. 20
12	H. Clay Jones	Manure	39. 20 105. 93 8. 30
14	do. E. G. Schafer & Co. W. B. Moses & Sons John C. Parker Woodward & Lothrop J. T. Walker Sons National Window and Office Cleaning Co. Underwood Typewriter Co W. J. Zeh. B. T. Galloway H. Clay Jones M. Du Perow Chas. P. Braslan do	Clock and snades Felt Cleaning windows Stand Coal Traveling expenses Manure Electric supplies Seeds	1 (155 60)
	do. The Brown Bag Filling Machine Co	do. Putting up seed.	1,767.80 6,175.65
15	The Brown Bag Filling Machine Co	Putting up seed	0, 175, 65

## PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS—Continued.

	Name.	Nature of payment.	Total.
004.			
16	W. K. Harris	Plants	\$51.0
	Charles Parker		\$51.0 170.6
	Thomas Maney Robert Gair Co A. D. Rigden The Goodwin Harries Co	Seeds           Apple scions.           Seed packets.           Seed.          do.           Expenses.          do.          do.          do.           Expenses.           Salary	9.0
	Robert Gair Co	Seed packets	79.0
	A. D. Rigden	Seed	25.0
	The Goodwin Harries Co	do	99.0
	S. A. Knapp	Expenses	45.1
	do	do	40.0 48.8
	do	Traveling expenses	26.0
	do	Evpongog	35. 7
	G W Churchill	Solory	12. 1
	S A Knapp	Expenses	121.5
	W. W. Tracy sr	Traveling expenses	32.4
18	Adams Express Co.	Transportation	7.8
	W. H. Dver	Ash springs	6.0
	E. L. Coy	Seed.	80.6
	W. Atlee Burpee	Pepper seed	253. 7
	The Henry Philipps Seed and Implement Co.	Seeds	410.4
	August Rhotert	Bulbs	1,001.8
	D. V. Burrell	Seeds	1,001.8 2,020.6
	M. H. Smith & Son.	Pepper seed	451 9
	dodododododododo.	Seeds	300. 0 235. 9 1, 526. 7 1, 363. 6
	Cox Seed Co		235. 9
	I. W. Wood & Sons	do	1,520.7
	John Bodger & Sons	do	1,363.6
19	G I Tohor	Posan goodlings	94. 8 30. 0 206. 2 5. 6
10	I C Robinson	Soode	206.0
	Rassonar Bros	Planto	5.6
	The Henry Philipps Seed and Implement Co. North Pacific Trading Co. Thos. Ragan. Union Pacific R. R. Co. New York, New Haven and Hartford R. R. Co.	Seeds.	350.0
	North Pacific Trading Co	do	3.0
	Thos. Ragan	Manure	20.0
25	Union Pacific R. R. Co	Passenger transportation	1. 8
	New York, New Haven and Hartford R. R.	do	1. 5 7. 0
	Co.		
	do. E. H. Morrison.	do	12. 2 2, 691. 3
	E. H. Morrison	Seeds	2,691.3
	do	do	1,080.0
	The Atchison, Topeka and Santa Fe Rwy. Co.	Passenger transportation	4.3
	do. The Atchison, Topeka and Santa Fe Rwy. Co. New York Central and Hudson River R. R.	do	8.8
	Co. Pennsylvania Co Pennsylvania R. R. Co D. V. Burrell Henry A. Dreer (Incorporated) Geo. P. Foaden W. K. Harris Thos. Meehan & Sons (Incorporated) Library Bureau	a -	
	Pennsylvania Co	00	17. 5 17. 0
	remisylvania R. R. Co	dodo	24.0
	D V Burroll	Soode and hage	24. 0 2, 020. 7
	Henry A Dreer (Incorporated)	Seeds and Dags	76.0
	Geo P Fooden	do	528
	W. K. Harris	Plants	528. 4 100. 0 8. 9
	Thos. Meehan & Sons (Incorporated)	Seeds	8.9
	Library Bureau	Oak case	18. (
	Queen & Co. (Incorporated)	Carbon bisulphide	6.0
	The Okonite Co. (Limited)	Wire	2. 1
0.0	E. A. Bessey	Oak case Carbon bisulphide Wire. Salary	6. 0 2. 1 53. 2
26	Bobbink & Atkins	Trees	57. 5
	Gladings & Steele	Rugs	6.8
	Y YYY TY . 11		
	Jos. W. Walker	Paste	2.
	Jos. W. Walker Clark & Davenport	Rugs Paste Carpet	25.
	Jos. W. Walker Clark & Davenport Church & Stephenson	Paste. Carpet. Lumber.	25. 4
	Jos. W Walker Clark & Davenport. Church & Stephenson Delano & Moore	Paste Carpet Lumber Photo supplies	25. 4 116. 7 14. 8
	Thos. Meehan & Sons (Incorporated) Library Bureau Queen & Co. (Incorporated) The Okonite Co. (Limited) E. A. Bessey Bobbink & Atkins Giddings & Steele Jos. W. Walker Clark & Davenport Church & Stephenson Delano & Moore do.	Paste. Carpet. Lumber. Photo supplies. Seed plates	25. 4 116. 7 14. 8 6. 9
	Jos. W. Walker. Clark & Davenport. Church & Stephenson Delano & Moore. do Woodward & Lothrop. N. I. Willet Drug Co	Paste. Carpet. Lumber Photo supplies. Seed plates. Desk, etc. Sands	25. 4 116. 3 14. 8 6. 9 51. 4
	Jos. W Walker. Clark & Davenport. Church & Stephenson Delano & Moore. do. Woodward & Lothrop. N. L. Willet Drug Co. J. M. Thorburn & Co.	Paste. Carpet. Lumber Photo supplies. Seed plates. Desk, etc. Seeds	25. 4 116. 3 14. 8 6. 9 51. 4
	Jos. W Walker Clark & Davenport. Church & Stephenson Delano & Mooredo. Woodward & Lothrop. N. L. Willet Drug Co. J. M. Thorburn & Co. J. W. Walker.	Paste Carpet Lumber. Photo supplies. Seed plates. Desk, etc. Seedsdo	25. 4 116. 3 14. 8 6. 9 51. 4
27	Jos. W Walker. Clark & Davenport. Church & Stephenson Delano & Moore. do Woodward & Lothrop. N. L. Willet Drug Co. J. M. Thorburn & Co. J. W. Walker. S. A. Knapp.	Paste Carpet Lumber Photo supplies Seed plates Desk, etc. Seeds do Paste Expenses	25. 4 116. 1 14. 8 6. 9 51. 4 413. 3 14. 4
27	Jos. W Walker. Clark & Davenport. Church & Stephenson Delano & Mooredo. Woodward & Lothrop. N. L. Willet Drug Co. J. M. Thorburn & Co. J. W. Walker. S. A. Knapp. Northrup, King & Co.	Paste. Carpet. Lumber Photo supplies. Seed plates. Desk, etc. Seeds. do Paste. Expenses. Seeds.	25. 4 116. 3 14. 8 6. 9 51. 4 413. 3 14. 4 2. 3 10. 2 450. 0
27	Jos. W Walker. Clark & Davenport. Church & Stephenson Delano & Mooredo Woodward & Lothrop. N. L. Willet Drug Co. J. M. Thorburn & Co. J. W. Walker S. A. Knapp. Northrup, King & Co. J. H. Bunnell & Co.	Paste Carpet Lumber Photo supplies Seed plates Desk, etc Seeds do Paste Expenses Seeds Seeds Shades	6. 8 2. 25. 4 116. 6 6. 8 6. 8 51. 4 413. 3 14. 4 2. 2 10. 2 450. 0
27	Jos. W. Walker. Clark & Davenport. Church & Stephenson Delano & Moore. do. Woodward & Lothrop N. L. Willet Drug Co. J. M. Thorburn & Co. J. W. Walker. S. A. Knapp. Northrup, King & Co. J. H. Bunnell & Co. Capelle Hardware Co.	Paste. Carpet. Lumber Photo supplies. Seed plates. Desk, etc. Seeds. do Paste. Expenses. Seeds. Shades.	25.4 116.5 14.8 6.9 51.4 413.3 14.4 2.5 10.5 450.0 4.1 29.3
27	Woodward & Lothrop N. L. Willet Drug Co. J. M. Thorburn & Co. J. W. Walker S. A. Knapp. Northrup, King & Co. J. H. Bunnell & Co. Capelle Hardware Co.	Desk, etc. Seeds. do. Paste. Expenses Seeds. Shades. Seeds.	25. 116. 14. 5. 51. 413. 14. 2. 10. 450. 4. 29.
27	Woodward & Lothrop N. L. Willet Drug Co. J. M. Thorburn & Co. J. W. Walker S. A. Knapp. Northrup, King & Co. J. H. Bunnell & Co. Capelle Hardware Co.	Desk, etc. Seeds. do. Paste. Expenses Seeds. Shades. Seeds.	25. 116. 14.3 6. 51. 413.3 14. 22. 10. 450. 4. 29.
27	Woodward & Lothrop N. L. Willet Drug Co. J. M. Thorburn & Co. J. W. Walker S. A. Knapp. Northrup, King & Co. J. H. Bunnell & Co. Capelle Hardware Co.	Desk, etc. Seeds. do. Paste. Expenses Seeds. Shades. Seeds.	25. 116. 14.3 6. 51. 413.3 14. 22. 10. 450. 4. 29.
27	Woodward & Lothrop N. L. Willet Drug Co. J. M. Thorburn & Co. J. W. Walker S. A. Knapp. Northrup, King & Co. J. H. Bunnell & Co. Capelle Hardware Co.	Desk, etc. Seeds. do Paste. Expenses Seeds. Shades Seeds Radiator sections Pipe, etc. Denim, etc.	25. 116. 6. 51. 413. 14. 2. 10. 450. 4. 29. 20. 11. 4. 7.
27	Woodward & Lothrop N. L. Willet Drug Co. J. M. Thorburn & Co. J. W. Walker S. A. Knapp. Northrup, King & Co. J. H. Bunnell & Co. Capelle Hardware Co.	Desk, etc. Seeds. do Paste. Expenses Seeds. Shades Seeds Radiator sections Pipe, etc. Denim, etc.	25. 116. 14. 6. 51. 413. 14. 2. 10. 450. 450. 4. 29. 11. 4. 7. 8.
27	Woodward & Lothrop N. L. Willet Drug Co. J. M. Thorburn & Co. J. W. Walker S. A. Knapp. Northrup, King & Co. J. H. Bunnell & Co. Capelle Hardware Co. Capelle Hardware Co. Thos. Somerville & Sons. do. W. B. Moses & Sons do. Rudolph, West & Co.	Desk, etc. Seeds	25. 116. 14.8 6.9 51. 413.3 14. 2.9 10. 450. 450. 11. 4. 29. 20. 11. 3. 3.
27	Woodward & Lothrop N. L. Willet Drug Co. J. M. Thorburn & Co. J. W. Walker S. A. Knapp. Northrup, King & Co. J. H. Bunnell & Co. Capelle Hardware Co. Capelle Hardware Co. Thos. Somerville & Sons. do. W. B. Moses & Sons do. Rudolph, West & Co.	Desk, etc. Seeds	25. 116. 114. 6. 51. 413. 114. 2. 110. 450. 4. 29. 20. 111. 8. 8. 3.
27	Woodward & Lothrop N. L. Willet Drug Co. J. M. Thorburn & Co. J. W. Walker S. A. Knapp. Northrup, King & Co. J. H. Bunnell & Co. Capelle Hardware Co.	Desk, etc. Seeds	25. 116. 14. 6. 51. 413. 14. 2. 10. 450. 4. 29. 20. 11. 4. 3.

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS—Continued.

Date.	Name.	Nature of payment.	Total.
1904. an. 27	Underwood Dymoryviter Co	Stands	\$8.
ап. 21	Underwood Typewriter Co	Rrushos	2.
	Densmore Typewriter Co	Repairs to typewriter	5.
	Potomac Electric Power Co.	Electric current	4.
	Remington Typewriter Co.  Densmore Typewriter Co.  Potomac Electric Power Co.  do.  do.	Stands Brushes Repairs to typewriter Electric current. Lamps do. Electric current Expenses do Seeds	3.
	do	do	1.
28		Electric current	
	I. P. Roosa.	Expenses	16
20	Lompoc Produce and Real Estate Co	do	10
29	Lompoc Produce and Real Estate Co	Seeds	1,646
	Cmith Dramion Transcration Co	Danaira ta terrarritar	2,649 57
	The J. K. Armsby Co. Smith Premier Typewriter Co. Henry Heil Chemical Co. The Brown Bag Filling Machine Co.	Repairs to typewriterSodiumPutting up seeds	91
30	The Brown Bag Filling Machine Co	Putting un soads	6,175
31	W. S. Hull	Salary	50
eb. 1	W. S. Hull. A. J. Pieters et al. P. H. Dorsett.	Salary Salaries Salary	4, 182
0.0 -	P. H. Dorsett	Salary	4, 182 98
	E. Q. Knight.	do	60
2	W. W. Tracy, sr.	do	255
	A. B. Sloane	dodo	18
3	E. Q. Knight W. W. Tracy, sr A. B. Sloane S. A. Knapp	do	82
	Washington Gaslight Co	Gas	1 6 6
	Botomac Electric Dev	Kepairs	6
	S. A. Knapp. Washington Gaslight Co Smith Premier Typewriter Co. Potomac Electric Power Co. James B. Lambie Co. (Incorporated). The Geo. W. Knox Express Co. Capital Traction Co The Chesapeake and Potomac Telephone Co. Herman Baumgarten A. Lamson-Scriboner	Repairs Lamps Reel box strap Transportation	19
	The Geo. W. Knox Express Co.	Transportation	228
	Capital Traction Co	Tickets Telephone service Stamp holders Traveling expenses	10
	The Chesapeake and Potomac Telephone Co.	Telephone service	6
6	Herman Baumgarten	Stamp holders	3
9	A. Lamson-Scribner American Writing Machine Co Wm. Ballantyne & Son	Traveling expenses	30
	American Writing Machine Co.	Paper Book covers	19
	Wm. Ballantyne & Son	Book covers	1
	M. Du Perow	Buzzers	2
	The Maurice Joyce Engraving Co	Stamp	2
	W. Ballantyne & Son. M. Du Perow. The Maurice Joyce Engraving Co. F. P. May & Co. Potomac Electric Power Co. National Electric Supply Co. E. Morrison Paper Co. Woodward & Lothrop.	Traps Electric current	2
	Potomac Electric Power Co	Electric current	8
	National Electric Supply Co	Shade holders	,
	E. MOTIISON Paper Co	Tags Desk and cards Clocks	1 37
	do do	Clooks	20
	Washington Gaslight Co	Gos	, j
12	Peter Fisher	Carnations	60
1-	Peter Fisher. Henry A. Dreer (Incorporated) do Marx Schaefer.	Plants	142
	do	Seeds	57
	Marx Schaefer	do	700 167 160
	J. C. Robinson G. F. Park Northrup, King & Co	do	167
	G. F. Park	do	160
	Northrup, King & Co	do	357
	Geo. J. Streator. J. M. Thorburn & Co.	do	12 72
	J. M. Thorburn & Co	do	12
	do P. J. Berckmans Co	dodoGrapevines	3
	J. H. Bunnell & Co. H. C. & J. B. Agnew A. B. Leckenby J. M. Lupton	Flaxseed	12
	J. H. Bunnell & Co.	Shades	18 2
	H. C. & J. B. Agnew.	ShadesSeeds	28
	A. B. Leckenby	doPlanting cabbage	120 97
	J. M. Lupton	Planting cabbage	97
	do	Desk set	26
	J. M. LuptondodoKellogg Switchboard Supply CoN. B. Keeney & Son The E. G. Hill Co United States Envelope Co C. P. Coy & Son J. E. Culpepper I. P. Roosa	Desk set	1 207
	N. B. Keeney & Son.	Seeds	1,897 66 45
	The E. G. Hill Co.	Plants Envelopes Seeds	45
	C P Cox & Son	Envelopes	262
	J. E. Culpenner	do	300
13	I. P. Roosa	dododododododododo	25
15	S. A. Knapp.	do	25 30
	I. P. Roosa S. A. Knapp do	do	117
			6, 178 900
17	The Brown Bag Filling Machine Co. J. M. Thorburn & Co. Geo. W. Fruitt.	Putting up seeds	6,178
	J. M. Thorburn & Co	Seeds	900
	Geo. W. Fruitt	do	500
	Slate Seed Co	dododo	500 67 175
	J. B. Kice Seed Co	do	37
	Slate Seed Co J. B. Rice Seed Co J. W. Newman M. Luther Michael		43
			907
	Jas. T. Jones. W. A. Denison. F. Barteldes & Co	dodoSeed testing	375
	W A Denison	Seed testing	46
			328

## PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS—Continued.

Date.	Name.	Nature of payment.	·Total.
1904.			
'eb. 17	W. H. Barrett	Seeds	\$364.
4.0	Baltimore and Ohio R. R. Co.	Transportation	27.
18	S. A. Knapp	Expenses	10.
	do Washington Southern R. R. Co	Transportation	52.
	Pennsylvania R. R. Co.		2.0
	do	Passenger transportationdo Cards	13.0
	Florida East Coast Rwy. Co.	do	7.9
23	Florida East Coast Rwy. Co. Yawman & Erbe Manufacturing Co	Cards	7.9 42.0
	Yawman & Erbe Manulacturing Co. T. S. Williams. Stumpp & Welter Co. Aug. Rhotert. Randolph Paper Box Co. M. Knauer. W. H. Grenell Eberhard Faber. W. B. Moses & Sons. E. Morrison Paper Co. F. P. May & Co.	Seeds	400.0
	Stumpp & Walter Co	do	8.8 284. 12.0
	Aug. Rhotert	Cuttings Pamphlet cases	284.
	M Knouer	Beet seed.	14,
	W H Grenell	Sęeds.	103.
	Eberhard Faber	Pencils.	3.
24	W. B. Moses & Sons	Shade, etc	3.
	E. Morrison Paper Co	Files	2.
	F. P. May & Co.	Trap Rack Seed	
	J. Baumgarten & Sons	Rack	
	F. W. Balgiano & Co	Seed	164.
	E. MOTTISON FAPER CO. F. P. May & Co. J. Baumgarten & Sons. F. W. Balgiano & Co. Church & Stephenson. do.	Lumber	19.
	dodoClark & Davenport. Remington Typewriter Co. United States Express Co. A. J. Pieters. do. W. J. Zeh. T. J. King. Western Union Telegraph Co. A. J. Pieters et al. W. S. Hull	do do	11.
	Clark & Davannort	Carpet Typewriter, etc	1. 22.
	Remington Typewriter Co	Typewriter etc	92.
	United States Express Co	Transportation. Traveling expenses Expenses Coal Cotton seed	97.
	A. J. Pieters	Traveling expenses	14. 35.
	do	Expenses	35.
	W. J. Zeh	Coal	307
	T. J. King	Cotton seed	3, 220. 17. 4, 070.
00	Western Union Telegraph Co	Service	17,
ar. 1	A. J. Pieters et al.	Salaries	4,070.
a1. 1	W W Troop or	do	50. 239.
	W. S. Hull W. W. Tracy, sr E. Q. Knight Jno. Dee Beck	do	60.
2	Jno. Dee Beck	do	75.
_	'P. H. Dorsett	do	179.
	P. H. Dorsett Fred Stockwell A. B. Sloane J. S. Jones	do	60.
	A. B. Sloane	do	35. 50.
	J. S. Jones	do	50.
3	E. Morrison Paper Co.	Pencils.	1.
	D Fronk Porker	Tunoventon nonen	17. 10.
	J. S. Jones E. Morrison Paper Co. The Mathy Co. (Incorporated) D. Frank Parker Remington Typewriter Co. Yawman & Erbe Manufacturing Co. J. Baumgarten & Sons. Jas. B. Lambie & Co. Henry Lee. D. Landreth Saed Co.	Tin boxes Typewriter paper Card attachment	10,
	Yawman & Erbe Manufacturing Co.	Guides	2. 2.
	J. Baumgarten & Sons	Guides Stamp rack Sieves Seeds	1.
	Jas. B. Lambie & Co	Sieves	2.
4	Henry Lee	Seeds	30.
	Henry Lee D. Landreth Seed Co. Jones Bros. Co. Peter Henderson & Codo	do	120.
	Jones Bros. Co.	do	175.
	Peter Henderson & Co	Plants.	60. 43.
	W. H. Grenell	Seeds	688.
	W. H. Grenell W. B. Folmar	Seeds. Cultivating cotton	294.
	W. B. Folliar Henry Fish. D. M. Ferry & Co. Henry A. Dreer (Incorporated) Bausch & Lamb Optical Co. G. W. Boynton S. A. Knapp. Los A. Toppor	Beans	2,045.
	D. M. Ferry & Co.	Beans	1,131.
	Henry A. Dreer (Incorporated)	do	1,131. 88.
	Bausch & Lamb Optical Co	Balances etc	16.
	G. W. Boynton	Sweet corn. Expenses.	5.
	Jos A Tonnor	Expenses.	136. 14.
5	Jas. A. Tanner	Soods	323.
U	N. L. Willett Drug Co	Seeds	380
	Stumpp & Walter Co. N. L. Willett Drug Co. T. W. Wood & Son.	Oats.	380. 21.
	Thos Mechan & Sons.	Apple stock	2.
	C. C. Morse & Co. The Henry Phillips Seed and Improvement	Seeds	2. 28.
	The Henry Phillips Seed and Improvement	do	28.
	Co.	3.	4 0 50
	J. A. SIIIIe.	do	1,059.
9	The Brown Bog Filling Machine Co	Butting up goods	6 175
9	Geo. P. McCahe	Putting up seeds	6, 175.
11	Washington Gaslight Co	Gas	11. 1.
11	The months of the contract of	Calimat	18.
11	Yawman & Erbe Manufacturing Co		
11	J. A. Shine. J. M. Thorburn & Co. The Brown Bag Filling Machine Co. Geo. P. McCabe. Washington Gaslight Co. Yawman & Erbe Manufacturing Co. do.		10.
11	Yawman & Erbe Manufacturing Codo. J. W. Walker, Potomac Electric Power Co G. W. Churchill	Cabinet. Perforator Paste. Current Traveling expenses.	1. 2.

## PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS-Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 11	American Writing Machine Co	Paper	\$9.50
	Postal Talagraph-Cable Co	Service	1.06 10.65
	do	do	1. 12
	J. E. W. Tracy	Traveling expenses	20. 20
	E. G. Schafer	Supplies	12. 24 100. 00
	F. Barteldes & Co.	Seeds	100.00
	American Writing Machine Co. The Densmore Typewriter Co. Postal Telegraph-Cable Co. J. E. W. Tracy E. G. Schafer F. Barteldes & Co. C. W. Leffingwell, jr Vaughn Seed Store J. M. Thorburn & Co. T. S. Hubbard Co. H. C. Davison	do	5. 60 182. 90 5, 395. 55 66. 00
	J. M. Thorburn & Co	do	5,395.55
	T. S. Hubbard Co	Plants Copying books	66.00
	H. C. Davison	Copying books	73.10
17	Raltimore and Ohio R. R. Co	Seeds	50.42 57.89
1.	Chicago and Northwestern Rwy, Co	Transportation. Passenger transportation	12.75
18	Missouri, Kansas and Texas Rwy. Co	do	35. 42 57. 82 12. 75 12. 20
	Pennsylvania R. R. Co	do	10.00
	Rlue Line Transfer Co	do do Transportation do Note book	22. 89 2. 03
	W. H. Rupp Co	Note book	1. 20
	Southern Pacific Co.	Passenger transportation Beans	12.00
21	T. S. Hubbard Co. H. C. Davison Griswold Seed Co. Baltimore and Ohio R. R. Co. Chicago and Northwestern Rwy. Co. Missouri, Kansas and Texas Rwy. Co. Pennsylvania R. R. Co. do. Blue Line Transfer Co. W. H. Rupp Co. Southern Pacific Co. T. W. Wood & Sons. R. Vincent, jr., & Son. G. L. Tabor.	Beans	1.65 13.00
	R. Vincent, jr., & Son	Plants	
	I M Thorburn & Co	Sands	8.96 35.60
	dodo.	do	7.50
	G. L. Tabor J. M. Thorburn & Co. do. F. H. Schule Co.	Seeds	7.50 250.00
	I. P. Roosa	Shipping plants	47. 18 28. 32 25. 00
	T. H. Reed.	Seeds	28.32
	T. F. Schler CO. I. P. Roosa T. H. Reed. W. E. Marvin. Jno. Jungermann S. M. Isbell & Co. The E. Howard Clock Co. Peter Henderson & Co.	do	25.00
	S. M. Isbell & Co	Seeds.	28.72
	The E. Howard Clock Co.	Keys Seeds	. 90 11. 32
	Firk Prog. Sood Co	Seedsdo	32.30
	Fink Bros. Seed Co. Dayton Fruit Tree Label Co.	Stakes	10, 50
	H. A. Dreer (Incorporated)	Seedsdo	14. 55 4. 50
	H. A. Dreer (Incorporated) do D. L. Crumpacker	do	4.50
22	D. L. Crumpacker	Traveling expenses	27. 85 19. 95
22	Capital Traction Co	Tickets	10.00
	Church & Stephenson.	Tickets Lumber	, 10. 00 77. 50
	A. J. Pieters Capital Traction Co Church & Stephenson F. W. Balgiano & Co The Alexandria Iron Works A. V. Stubenranch S. A. Knapp	Seeds	6 13
	A V Stuberranch	Iron supports Traveling expenses Expenses	73 70
	S. A. Knapp	Expenses	73.70 60.00
	. K.	do	
24	Thos. Somerville & Sons	Pipe Flower seeds Transportation Cultivating cauliflower	6.79 3.52
24	D. M. Ferry & Co.	Transportation	3. 52 18. 37
	J. M. Lupton	Cultivating cauliflower	58.63
	C. C. Morse & Co.	Seeds do	
	dodo	do	1, 134. 11
	do. Rudolph, West and Co. Thos. Somerville & Sons. United States Envelope Co. Waldo Robert	do Door cheek, etc. Radiator section Envelopes Seeds. Cabinet Putting up seeds Expenses do	1,134.11 1,895.37 2.04 6.25 3.83
	Thos. Somerville & Sons	Radiator section	6.25
	United States Envelope Co.	Envelopes	3.83
	Waldo Rohnert	Seeds	1,032.15
26	The Brown Bag Filling Machine Co	Putting up seeds	6, 175, 35
28	United States Envelope Co. Waldo Rohnert. Yawman & Erbe Manufacturing Co. The Brown Bag Filling Machine Co. S. A. Knapp. A. L. Scribner W. W. Tracy, sr F. W. Balgiano & Co. The Draper Manufacturing Co. D.M. Ferry & Co. do.	Expenses	3.83 1,032.15 8.25 6,175.35 236.33 87.35 45.24 1.75 3.00
-	A. L. Scribner	do	87.35
20	W. W. Tracy, sr	do	45. 24
29	The Draper Manufacturing Co	do Corn sheller Ink	3.00
	D.M. Ferry & Co.	Seeds	37.15
	do	do	37. 15 6. 25 5. 35
	Fink Bros. Seed Co.	Corn	5.35
	Indian Head Plantations (Incorporated)	Beans. Tobacco seed.	489.00 268.00
31	00 Fink Bros. Seed Co. N. B. Keeney & Son Indian Head Plantations (Incorporated) E. G. Schafer & Co. A. J. Pieters et al	Valves	3.88
01	A. J. Pieters et al.	Valves Salaries	4, 243. 62
			102 007 70
	Total third quarter		103, 895. 70
Apr. 4	W. T. Philipps & Co.	Seeds	600.00
-F-( A	Northrup, King & Co	do	4.60 72.00
	W. T. Philipps & Co. Northrup, King & Co. J. B. Rice Seed Co. Rogers Bros.	do	72.00
	Rogers Bros	do	212.00

## PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS-Continued.

te.	Name.	Nature of payment.	Total
4.			
4.	Chas. Sharpe & Co. (Limited) Street & Graves The Steele Briggs Seed Co. J. M. Thorburn & Co. Will W. Tracy. sr. A. L. Scribner. Townsend Mikell J. M. Thorburn & Co. do. Western seed and Irrigation Co. Lenawee Seed Co. J. M. Parker. W. H. Maule Merchants and Planters' Oil Co. do. E. B. Clarke Co. Cleveland Seed Co. Edw. F. Dibble.	Seeds	\$2.
•	Street & Graves.	do	53. 1. 2. 255.
	The Steele Briggs Seed Co	do	1.
	J. M. Thorburn & Co	do	2.
	Will W. Tracy, sr	Salary	255.
	A. L. Scribner	Traveling expenses	132.
	Townsend Mikell	Cotton seed	132. 75. 4. 7.
	J. M. Thorburn & Co	Seeds	4.
	Western good and Invigation Co	do	1 053
	Langwag Sand Co	do	1,053 176
	I M Parker	.do	1.926
	W. H. Maule	do	1,926. 2, 91,
	Merchants and Planters' Oil Co	Handling cotton	91.
	do	Rent	88.
	E. B. Clarke Co	Seed corn	250.
	Cleveland Seed Co	Seeds	623. 737.
	Edw. F. Dibble	do	737.
	Iowa Seed Co.	do	30.
	Edw. F. Dibble Iowa Seed Co P. H. Dorsett Jno. Dee Beck	Salary	191. 50.
	A D Cloope	do	50.
	Fract A Roscov	Traveling expenses	35. 41.
	Ino S Tones	Salary	50
	P. H. Dorsett. Jno. Dee Beck. A. B. Sloane. Ernest A. Bessey Jno. S. Jones W. S. Hull W. E. Willis. Fred Stockwell I. P. Roosa. Edw. Q. Knight E. Morrison Paper Co E. S. Schmid Mary E. Parker, executrix. Ernest A. Bessey W. B. Moses & Sonsdo F. W. Balgiano & Codo Lamb & Tilden J. Baumgarten & Sons. The Maurice Joyce Engraving Co E. P. Hazelton Delano & Moore A. D. Shamel The Geo. W. Knox Express Cododo	do	50
	W. E. Willis	do.	50
	Fred Stockwell.	do	60
6	I. P. Roosa	Expenses	93
	Edw. Q. Knight	Salary	60.
.3	E. Morrison Paper Co	Seed packets	9 20
	E. S. Schmid	Fern balls	20.
	Mary E. Parker, executrix	Pencils	5 146
	Ernest A. Bessey	Traveling expenses	146
	W. B Moses & Sons	Chair	5.
	F W Relatione & Co	Spage	8. 30.
	do	do	30
	Lamb & Tilden	Tyne	8.
	J. Baumgarten & Sons	Daters	1.
	The Maurice Joyce Engraving Co	Signature	
	E. P. Hazelton	Repairs to bicycles	2
	Delano & Moore	Supplies	2.
	A. D. Shamel	Traveling expenses	208.
	The Geo. W. Knox Express Co	Transportation	30.
	dodo	dodoTypewriterFiling cases	87, 39, 1, 355,
	Vaumon & Erba Manufacturing Co	Typewriter.	20
	Washington Gaslight Co	Goe	09. 1
11	W. Atlee Burnee & Co	Seeds	355
-1	do	do	56.
	do	do	2
	Johnson & Stokes	do	2 8
	Comstock, Ferre & Co	do	4.
	Hooper Bro. & Thomas	Peach trees	14 757 75
	Holmes Seed Co	Seeds	757.
10	W. K. Harris	Plants	75.
12	do. Underwood Typewriter Co Yawman & Erbe Manufacturing Co. Washington Gaslight Co. W. Atlee, Burpee & Co. do. Johnson & Stokes. Comstock, Ferre & Co. Hooper Bro. & Thomas Holmes Seed Co. W. K. Harris T. W. Wood & Sons. do. N. L. Willet Drug Co. J. M. Thorburn & Co. Henry Nungesser & Co. J. M. Thorburn & Co. J. M. Thorburn & Co. J. M. Thorburn & Co.	reanuts. etc	1,971
	N. I. Willet Drug Co.	do	1,971.
	J. M. Thorburn & Co	do	99.
	J. C. Moninger Co.	Building materials	497
	Henry Nungesser & Co.	Seeds	22
	J. M. Thorburn & Co.	do	22. 7. 28.
	do	do	28.
	do	do	60.
	do	do	6.
14	dododoe.dododododo	Envelopes	4.
	The Maurice Large Engage Co	Pencils.	
	Potomea Floatria Power Co	Are lamp	2.
	do	Current	3.
	National Flactric Supply Co	Storgontian lamps	14. 1.
	United States Express Co	Transportation	1. 42.
	American Writing Machine Co	Paner	9.
15	J. L. Reeves	Salary	19.
18	Potomac Electric Power Codo. do. National Electric Supply Co. United States Express CoAmerican Writing Machine Co. J. L. Reeves. J. E. W. Tracy. Western Union Telegraph Co. Postal Telegraph-Cable Codo.	Signature Arc lamp Current Stereopticon lamps Transportation Paper Salary Traveling expenses Service	44.
	Western Union Telegraph Co	Service.	2.

# $Expenditures\ of\ the\ Department\ of\ Agriculture\ for\ fiscal\ year\ ending\ June\ 30,\ 1904-{\rm Cont'd.}$

PURCHASE ANI	DISTRIBUTION	OF VALUABLE	SEEDS-Continued.
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Pate.	Name.	Nature of payment.	Total
1904.			
r. 18	Postal Telegraph-Cable Co United States Express Co	Service	\$38
	United States Express Co	Service Transportation	2.7
	do	do	28
	Edw. S. Schmid	Sprayer	b
	Fred. A. Schmidt	Crayon paper	10
	do.  do. Edw. S. Schmid. Fred. A. Schmidt. D. F. Parker. W. B. Moses & Sons.	Sprayer Crayon paper Typewriter paper Chairs	5 11 700
	W. B. Moses & Sons	Chairs	11
	Francis Miller	Glass	700
	W. B. Moses & Solis Francis Miller F. P. May & Co. Delano & Moore.  Harrisons, F. Harrison, manager W. S. Clark R. Carter Ballantyne Brentanos	Glass	8
	Delano & Moore	Photo supplies	19
	Harrisons, r. Harrison, manager	Envelopes	9
	W. S. Clark.	Pansy plants	37
	R. Carter Ballantyne	Pansy plants Paper Portfolio	2
19	W D Two	Portiono.	2
10	Street & Croves	Seeds	3]
	I M Thorburn & Co	do	306
	do	do	3
	The Stumpn & Walter Co	do	36
	Henry Nungesser & Co	do	6/
	H. Philipps Seed and Improvement Co	do	64 750
	Chas. E. Prunty	do	4:
	Brentanos. W. D. Tyler. Street & Graves. J. M. Thorburn & Co	Plants	T
	C. C. Morse & Co	Seeds	85
	McClure Seed Co.	do	1. 765
	C. C. Morse & Co McClure Seed Co T. V. Munson & Son J. H. McNown J. B. Rice Seed Co The Stumpp & Walter Co American Can Co Alabama Nursery Co W. Atlee Burpee Co do	Grapevine.	1, 765 147
	J. H. McNown	Seeds. Corn	24 18
	J. B. Rice Seed Co.	Corn	18
	The Stumpp & Walter Co	Seeds Mailing tubes Fruit trees	123
	American Can Co	Mailing tubes	16
	Alabama Nursery Co	Fruit trees	16
	W. Atlee Burpee Co.	Seeds	385
	do	do	27
	Capelle Hardware Co	do	9.
	A. N. Clark.	Corn	25
	The Everett B. Clark Co	do	10
	Jno. Lewis Childs	Bulbs	
	The Draper Manufacturing Co	Charts	
	The A. Dickinson Co.	Seeds	75
	Empire Beet Sugar Co	do	33
	Henry A. Dreer (Incorporated)	Plants	, 48 65
	W. Atlee Burpee Co. do. Capelle Hardware Co. A. N. Clark The Everett B. Clark Co. Jno. Lewis Childs. The Draper Manufacturing Co. The A. Dickinson Co. Empire Beet Sugar Co. Henry A. Dreer (Incorporated) do. F. H. Eberling. J. F. Reed Vilmorin & Andrieux do.	Condo	02
	r. H. Eberling	Seeds	29
	Vilmorin & Andrioux	Salary	41
	do Andrieux	do.	
	do	do	
	Haage & Schmidt	do	
	F C Heinemann	do	25′ 3
	W. W. Johnson & Son	do	25
	Ernest Benary	do	3
	Dabbie & Co	do	-
	Jas. Carter & Co	do	
	Iowa Seed Co	do	58
	Haage & Schmidt	do	
	Hurst & Son	do	
	T. S. Hubbard & Co	Grapevine	(
	T. W. Wood & Sons.	Beans	47
	do	Seeds	
20	Pennsylvania R. R. Co	Passenger transportation	24
	do	do	16
	The Pullman Co.	do	10
	Veganic S. S. Co.	do	15
	New York Central and Hudson River R. R. Co	00	19
	Now York and Porto Dies C C Co	do	
	Miccouri Kaneas and Toyor Dwg Co	do	37
	San Antonio and Gulf R R Co	do	4
	Washington and Southern Rwy Co	do	
	do	do	2
	do	do	46
	do	do	2 40 54
	do	do	10
	do	do	
	Southern Rwy. Co	do	59
	J. F. Reed Vilmorin & Andrieux do do do Hage & Schmidt F. C. Heinemann W. W. Johnson & Son Ernest Benary Dabbie & Co. Jas. Carter & Co Iowa Seed Co Hage & Schmidt Hurst & Son T. S. Hubbard & Co T. W. Wood & Sons do T. S. Hubbard & Co The Pullman Co Oceanic S. S. Co New York Central and Hudson River R. R. Co Mow York, Texas and Mexico Rwy. Co New York, Texas and Mexico Rwy. Co New York, Texas and Mexico Rwy. Co San Antonio and Gulf R. R. Co Washington and Southern Rwy. Co do do do do do do do Southern Rwy. Co Vinion Pacific R. R. Co Seaboard Air Line Rwy. Richmond, Fredericksburg and Potomac R. R. Co.	do	17
	The Wabash R. R. Co	do	38
	Seaboard Air Line Rwy	do	34
	Richmond Frederickshurg and Potamac R	do	

## PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
pr. 20	S. A. Knapp.	Expenses.	\$40.0
-	do	do	92. 8 60. 0 55. 0
	do	do	60.0
	Luther Rurhank	Plants	4.
	Remington Typewriter Co.	Repairs	. (
	Houston and Texas Central R. R. Co	Transportation	30.9
	Luther Burbank Remington Typewriter Co Houston and Texas Central R. R. Co. Gulf. Western Texas and Pacific Rwy. Co Galveston, Harrisburgh and San Antonio	Repairs. Transportationdo Passenger transportation	2.9 6.8
	Galveston, Harrisburgh and San Antonio	Passenger transportation	6.3
	C A Vropp	Traveling armoneas	9.
21	P. H. Dorsett	do	96.6
28	P. H. Dorsett Will Kremers Washington Southern Rwy Co.	Salary	101.
	Washington Southern Rwy Co	Transportation	131.9 91.
	do	do	1.5
	Pennsylvania R. R. Co.	do	61.
	Houston and Texas Central R. R. Co	do	61. 5 51. 5
29	C. P. Hartley	Expenses	74.9
	O. F. Cosper	Care rush roots	89.0 76.3
	do	do.	30
30	J. L. Reeves	Salary	30. 21.
	J. H. Copland	do	25. 37. 4, 118. 247.
	do do Pennsylvania R. R. Co Houston and Texas Central R. R. Co C. P. Hartley O. F. Cosper S. A. Knapp do J. L. Reeves J. H. Copland Jos. A. Ganges A. J. Pieters et al W. W. Tracy, sr W. E. Willis W. S. Hull W. W. Smith W. R. Beattie	Calarias	4 110
ay 2	W. W. Tracy, sr	Salary	947
u	W. E. Willis	do	ÐU.
	W. S. Hull.	do	· 50. 123.
	W. W. Smith	do	123.
	W. R. Beattie Jno. Dee Beck Fred Stockwell F. L. Scribner	do	123. 50.
	Fred Stockwell	do	60.
	F. L. Scribner	do	60. 116.
	Ino. S. Jones Edw. Goucher P. H. Dorsett A. B. Sloane	do	50.
	Edw. Goucher	do	56.
	A R Sloone	dodo	185. 35.
	Jos. F. Reed	do	39.
3	The Brown Bag Filling Machine Co	Putting up seed	39. 6,030. 119.
	Will Kremers	Traveling expenses	119.
4	W. L. POSTER	Seed	32.
	Chas. P. Braslan	do	108.
	do	do	8. 108. 175.
	Binghamton Seed Co	do	11. 75. 470.
	C. P. Coy & Son	Corn	75.
	Jno. Sweeney	Dravage	163.
6	B. T. Gallaway.	Traveling expenses	74. 7. 1.
	Jno. S. Young	Seeds	7.
	T. W. Wood & Sons	Peanuts	1.
	Vaughn's Seed Store	do	81. 16.
	United States Envelope Co.	Envelopes.	12.
	P. H. Dorsett A. B. Sloane Jos. F. Reed. The Brown Bag Filling Machine Co. Will Kremers W. L. Foster R. & J. Farquhar & Co. Chas. P. Braslandodo Binghamton Seed Co. C. P. Coy & Son. The Cleveland Seed Co. Jno. Sweeney B. T. Gallaway Jno. S. Young. T. W. Wood & Sons Jas. Veitch & Sons (Limited) Vaughr's Seed Store United States Envelope Cododododododo	do	12.
	J. M. Thorburn & Co	Koots	271.
	do	dodo	26. 36.
	do	do	7.
	Sanilac Sugar Refining Co.	do	32.
	Slaymaker & Son	Plants	66. 1.
	National Electric Supply Co	Carbida	1.
	Remington Typewriter Co.	Typewriter	92. · 15.
	do	Repairs to typewriters	. 15.
	J. C. Robinson	Corn	250.
	do do do Sanilae Sugar Refining Co. Slaymaker & Son Reasoner Bros National Electric Supply Co. Remington Typewriter Co. do J. C. Robinson J. B. Rice Seed Co. The H. Philipps Seed and Improvement Co. Henry Nungesser & Co. do Menomonee River Sugar Co. J. W. Keer. Funk Bros. Seed Co. Eberhard Faber.	do	225.
	Henry Nungesser & Co.	do	35. 18.
	do	do	12.
	Menomonee River Sugar Co	do	35.
	Funk Bros Sond Co	Almond trees	4. 17.
	Eberhard Faber	Bands	17.
	Funk Bros. Seed Co Eberhard Faber. E. F. Dibble. H. C. & J. B. Agnew F. Barteldes & Co. W. Atlee Burpee Co A. D. Shamei	Beans.	1. 81.
	H. C. & J. B. Agnew	Seeds	300.
	F. Barteldes & Co.	do	1.1 22.1 7.1
	W ALIER KILTINGO L'O	do	22 (

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS—Continued.

Date.	Name.	Nature of payment.	Total.
		- Total of payment	
1904. May 9	Delano & Moore	Photo supplies	\$5.7
	do		3.6 20.0
12	J. O. Munson J. Baumgarten & Sons	Apple trees	20.0 3.6
	Brentanos (Incorporated)	Pen.	4.0
	D. O. Munson J. Baumgarten & Sons. Brentanos (Incorporated) Littlefield, Alvord & Co	Hauling	4.0 55.6
	The Brown Bag Filling Machine Co	Putting up seeds	1 349 9
	do. The Brown Bag Filling Machine Co. do. E. Morrison Paper Co.	do	1,349.2 6,114.7 7.5
13	E. Morrison Paper Co	Pencil pointers	7.
	The Maurice Leves Engraving Co	Engravings	٥.
	W. Silas Sheetz. Smith Premier Typewriter Co. Western Union Telegraph Co. The Chesapeake and Potomac Telegraph Co. The G. W. KIND. FELDERS CO.	Camera, etc	48.
	Smith Premier Typewriter Co	Repairs	1.1
	The Chesapeake and Potomac Telegraph Co.	do	65. 2 6. 2
	The G. W. Knox Express Co.	Transportation	1.4
	Capital Traction Co	Tickets	33. 3 10. 0
	American Writing Machine Co	Typewriter paper	95.0 2.0
	F. W. Bolgiano & Co	Corn, etc.	2.0 46.2
	Jno. B. Espey	Wire	12. 1
	Rudolph, West & Co.	Label holders	23.4
14	J. A. Ganges	Services	19.8 37.0
	The Chesapeake and Potomac Telegraph Co- The G. W. Knox Express Codo. Capital Traction Co. American Writing Machine Co. F. W. Bolgiano & Codo. Jno. B. Espey Rudolph, West & Codo. Jno. L. Reeves. J. A. Ganges. J. H. Copland F. E. Heinemann W. J. Zeh. Haage & Schmidt. Sluis & Groat	Apple trees Band dater Pen Hauling do Putting up seeds do Pencil pointers Files Engravings Camera, etc Repairs Service do Transportation do Tickets Typewriter paper Com, etc Fertilizer Wire Label holders Services do do do do Seeds	24 .
16	F. E. Heinemann	Seeds	2.7
]	W.J. Zen Haage & Schmidt	Catalogue	198.
	Sluis & Groat	Seeds.	2.0
	Yawman & Erbe Manufacturing Co. Alice M. Sawyer. Illinois Central R. R. Co. Galveston, Harrisburg and San Antonio	Card sections Traveling expenses Passenger transportation Transportation	16.
18	Illinois Central R. R. Co	Passenger transportation	2.0 21.1
	Galveston, Harrisburg and San Antonio	Transportation	
	Rwy. Co	do	62.7
	do	do	14.5
	New York, Texas and Mexico Rwy. Co	do	4.1 3.3
	Washington Southern Rwy. Co.	do	, 7.4
	The Chesapeake and Ohio Rwy. Co	Passenger transportation	19.2
	S. A. Knapp. Choctaw Oklahoma and Gulf R. R. Co.	Expenses	200. 0 36. 8
	Pere Marquette R. R. Co.	do	6.8
19	J. E. W. Tracy	Traveling expenses	19.
20 21	The Brown Bag Filling Machine Co	Putting up seeds	364.1 1,842.5
- 11	do	do	19.6
24 25	Jas. F. Reed	Traveling expenses	31.0 5.3
26	Bowser & Towles.	Mules.	550.
	Ernest Benary	Seeds	5.0 40.0
	Alexander Seed Co	Peanuts	2.
31	J. H. Copland	Salary	25.3 25.3 24.0
	Galveston, Harrisburg and San Antonio Rwy. Co. do. do. New York, Texas and Mexico Rwy. Co. San Antonio and Gulf R. R. Co. Washington Southern Rwy. Co. The Chesapeake and Ohio Rwy. Co. The Chesapeake and Ohio Rwy. Co. The Chesapeake and Gulf R. R. Co. Pere Marquette R. R. Co. J. E. W. Tracy Earl Milliken The Brown Bag Filling Machine Co. do. Jas. F. Reed Delano & Moore. Bowser & Towles Ernest Benary Jno. Bawder Alexander Seed Co. J. H. Copland J. L. Reeves. J. A. Ganges A. J. Pieters et al. W. W. Smith F. L. Scribner P. H. Dorsett W. R. Beattie W. W. Tracy, sr W. S. Hull W. E. Willis Edw. Goucher J. F. Reed do. Will Kremers A. B. Sloane. Alice M. Sawyer Jno. Dee Beck Jno. S. Jones Fred. Stockwell Edw. S. Schmid E. G. Schafer & Co. Potomae Electric Power Co. Chas. Parker Thos. Meehan & Sons.	do	24.0 39.8
	A. J. Pieters et al.	Salaries	3,972.
June 1	W. W. Smith	Salary	3,972.7 127.8 213.0
2	P. H. Dorsett	do	191.6
	W. R. Beattie	do	191.6 127.8
	W. W. Tracy, sr	do	255. 50.
,	W. E. Willis	do	50.0
	Edw. Goucher	do	76.6
	J. F. Keed	Traveling expenses.	20.7 40.8
	Will Kremers	do.	20.0
	A. B. Sloane	do	35.0
	Jno. Dee Beck	do.	40.8 50.0
	Jno. S. Jones	do	50.0
3	Fred. Stockwell	Leaf mold	60.0
9	E. G. Schafer & Co.	Terra-cotta pipe	128.3
	Potomaa Floatria Power Co	Current	13.6
	TOTOLING Electric Tower Co	C	60.9

## PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS—Continued.

ate.	Name.	Nature of payment.	Total.
904.			
ie 3	Thos. Meehan & Sons	Plants	\$14.
	Thos. Meenan & Solis Kendall & Whitney United States Express Co. Zuckerfabrik Klein Wazelben Vorin. O. C. Thompson. J. M. Thorburn & Co. do. W. Silas Sheetz. do.	Corn	5. 285.
	United States Express Co	Transportation	285.
	O C Thompson	Beet seed. Corn. Seeds.	4.
	T. M. Thorburn & Co.	Corn	8. 4.
	do	do Camera, etc Film packs Camera, etc Seed testing Gas Plant Transportation	1.
	W. Silas Sheetz	Camera, etc.	18.
	do	Film packs	12.
	dododo	Camera, etc	104.
	N. B. Keeney & Son	Seed testing	200.
	Washington Gaslight Co.	Gas.	1. 3.
	The W. H. Moon Co	Plant	3.
	Littleheld, Alvord & Co	Transportation	82.
	The C W Know Express Co	Tropoportation	14. 72.
	Lowe Sood Co	Corn	5.
	do	do	2.
	T S Hubbard Co	Granevine	41.
	The E. G. Hill Co	Rose plants.	83.
	T. S. Hubbard Co. The E. G. Hill Co.	do	303.
	E. P. Hazleton Frank Harrison	Repairs to bicycle.	2.
	Frank Harrison	Pen	4.
	Robt. Gair Co	Corn do	42.
	Eberhard Faber	Rubber bands	14.
	W. H. Dyerdo	Stakes	20.
	Changle & Changle and an area	do	15.
	Church & Stephenson California Nursery Co Jas. Carter & Co	Cremerines	36.
	Too Cortor & Co	Grapevines	107. 15.
	Brentanos. W. Atlee, Burpee & Co. Adams Express Co. do. do	Pan	5.
	W Atlee Burnee & Co	Seeds	4.
	Adams Express Co.	Transportation	18.
	do	do	10.
	do	do	24.
	do do	do	60.
	do	do	39.
	do Chas. Shore	do do Repairing bicycle. Oats Bulbs, etc. Lumber	88.
4	Chas. Shore	Repairing bicycle	1.
0	L. S. Depue	Oats	45.
6	Church & Stephenson	Lumbor	62. 37.
	The F G Hill Co	Roses	25.
	do	Chrysanthemums	3.
	L. S. Depue H. A. Dreer (Incorporated) Church & Stephenson The E. G. Hill Codo Dr. F. Franceschi Thos. Meehan & Sons F. W. Kelsev	Lippia repens	2.
	Thos. Meehan & Sons.	Plants	43.
	F. W. Kelsey	Photos.	30
	N. B. Keeney & Son	Photos	139.
	Wm. Ewing & Co	Seeds	3.
	wm. T. Bowen	Scale	30
	American writing Machine Co	Paper	19 19
	P C Rellentune	Fillers	3.
	Thos. Meehan & Sons F. W. Kelsey N. B. Keeney & Son. Wm. Ewing & Co. Wm. T. Bowen American Writing Machine Co. do. R. C. Ballantyne Remington Typewriter Co. Edw. S. Schmid	do Fillers Adjusting typewriter Leaf molds and moss Labels	15
	Edw. S. Schmid	Leaf molds and moss	45
	do	Labels	198
	J. Steckler Seed Co. Swayze, Bailey & Co. Woodward & Lothrop.	Bulbs Carbon paper Desks, etc Burlap Sections, etc Expenses	3
	Swayze, Bailey & Co	Carbon paper	37. 77.
	Woodward & Lothrop	Desks, etc	77.
	Woodward & Lothrop. do Yawman & Erbe Manufacturing Co. W. W. Tracy, sr I. P. Roosa. W. W. Tracy, jr S. A. Knapp. do. Michael Dervan. Jno. L. Reeves Jesse James J. A. Ganges	Suriap	15
8	W W Troop or	Exponent	12 32
9	I P Roosa	do	20
11	W. W. Tracy, ir	do	19
	S. A. Knapp	do	194
	do	do	38
15	Michael Dervan	Salary	6.
	Jno. L. Reeves.	do	22.
	Jesse James.	do	6.
	J. A. Ganges	do	37.
17	J. A. Ganges J. H. Copland W. N. Hutt Geo. C. Husmann D. Frank Parker	do Traveling expenses Expenses Paper	25. 17.
17	Goo C Hugmann	Traveling expenses	17.
20	D Fronk Porker	Paper	40.
20	do	Pibbons	30. 9.
	do	Ribbons Paper	5.
	dododo Mary E. Parker Potomac Electric Power Co. W. B. Moses & Sons	rapeido	3.
	Potomac Electric Power Co.	Current	9.
	W. B. Moses & Sons	Current. Bookease	31
		Seed, etc	304

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd .

## PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS—Continued.

Date.	Name.	Nature of payment.	Total.
1904.	Churchmon Clodishus Co	Delle	<b>0.10.00</b>
June 20	Chushman Gladiolus Co	Bulbs	\$10.00 9.59
	R. P. Andrews & Co. Henry A. Dreer (Incorporated)	Clips. Plants.	9.59 36.00
	Henry A. Dreer (Incorporated) do Delano & Moore. G. W. Oliver J. H. Lane & Co. Harding & Kaufman Wm. J. Zeh Washington Gaslight Co. Woodward & Lothrop.	do. Photo. supplies Traveling expenses Tenting cloth Mower	1.95 133.12
	G. W. Oliver	Traveling expenses	24.70
	J. H. Lane & Co	Tenting cloth	12.48 291.45
	Wm. J. Zeh	Coal	39.70
	Washington Gaslight Co	Gas	1.10
	dodo.	Taps Desk	4.00 33.44
	Hess Warming and Ventilating Co	Desk Grain drier Hauling, etc	420.00
	do.  Hess Warming and Ventilating Co.  Jno. A. Widtsoe.  do.  Utah Sugar Co.  A. E. McKinzee & Co. J. P. Nawrath.	Hauling, etc	65.40 37.50
	Utah Sugar Co	Manure Beet seed Seeds	11.00
	A. E. McKinzee & Co.	SeedsTwine	71.40 79.06
	Slate Seed Co.	Seeds	4.50
	Remington Typewriter Co	Typewriter	90.00
	Slate Seed Co Remington Typewriter Co E. Morrison Paper Co do.	Holders Files	15.00 3.90
		Plants	4.45
21	A. J. Pieters.	Plants. Traveling expensesdo	39.42 $241.51$
	S. A. Knapp	Expenses	31.90
	do	dodoTraveling expenses	100.45 32.51
25	do. B. T. Galloway. J. W. T. Duval	Traveling expenses	28.80
27	J. W. T. Duval	do	113.93
29	S. A. Knapp. Chas. R. Edmonston Delano & Moore	do. Expenses. Filter. Photo. supplies	76.53 53.00
23	Delano & Moore	Photo. supplies	7.50
	W. H. BUDD CO	Note books	3.00
	dodo	Envelopes	$\frac{3.60}{4.50}$
	Francis Miller	Oil	30.30
	H. C. Davison & Co.	Copying books	73.10 80.70
	do.  Francis Miller H. C. Davison & Co. Dayton Fruit Tree Label Co. Arthur Cowie Geo. W. Millar & Co. Library Bureau. H. P. Kelsey. S. W. Flower & Co. J. J. Mullaney Philip F. Zell J. A. Ganges. Jessie James. C. M. Smith	Photo. supplies Note booksdo Envelopes. Oil Copying books Labels Bulbs Wrapping paper Cards, etc. Ginsing seed Seeds. Salary	80.70 8.82
	Geo. W. Millar & Co	Wrapping paper	,310.00 48.40
	H. P. Kelsev	Ginsing seed.	5.00
00	S. W. Flower & Co	Seeds	431.68
30	J. J. Mullaney	Salary	6.75 6.75
	J. A. Ganges	do	37.09
	Jessie James	do	19.50 27.00
	Michl. Dervan.	do	19.50
	Jessie James C. M. Smith Michl, Dervan J. H. Copland Sydney Swann A. J. Pieters et al.	do	$25.00 \\ 21.00$
	A. J. Pieters et al.	Salaries	3,733.45
			62,915.01
	Supplemental.	-	
1904.		~ .	040.00
July 1	F. R. Holzman Will Kermers	Sararydo	248.90 20.00
-	W. R. Beattie	do	123.60
	Will Kermers W. R. Beattie W. W. Smith W. E. Willis W. S. Hull W. W. Tracy, sr F. L. Scribner P. H. Dorsett Edw. Goucher Fred. Stockwell J. S. Jones L. D. Beek	do	123.60 50.00
	W. S. Hull	do	50.00 247.25
	W. W. Tracy, sr	do	247. 25 206. 00
	P. H. Dorsett	do	185, 45
	Edw. Goucher	do	74.20 60.00
	J. S. Jones	do	50.00
	J. S. Jones J. D. Beck B. G. Johnson A. M. Sawyer J. F. Reed	do	50.00
	B. G. Johnson	do	48.00 39.60
	J. F. Reed	do	39.60
	A. B. Sloane	Eypongog	$35.00 \\ 34.00$
6	C. E. Cleveland	Salary	2.25
	J. M. Veale	do	3.00
	J. F. Reed A. B. Sloane S. A. Knapp C. E. Cleveland J. M. Veale C. C. McConica Chas. Cleveland	do	$\frac{2.25}{3.00}$
	CIACO, CICTORDIA		

## PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS-Continued.

ate.	Name.	Nature of payment.	Total.
	Supplemental—Continued.		
904.		2.1	
y 6	J. T. Phipps. S. A. Knapp. R. H. Forbes. Jno. A. Widtsoe.	Salary	\$3.
9	S. A. Khapp	Labor	28. 125.
1.4	Ino A Widtsoe	do	41.
	B. G. Johnson A. J. Pieters	do	13.
15	B. G. Johnson	Services	62.
18	A. J. Pieters	Expenses	10.
	do	do	5. 37. 58.
	do	do	37.
	dododos. dodos. A. Knappdododododododo	do	58.
	S. A. Knapp	Traveling expenses	94.
	J. F. Keed	do	29.
	do	do	6. 47.
	Church & Stephenson	Lumber	172.
	Delano & Moore	Photo supplies.	6.
	W. B. Moses & Sons	File case, etc.	31. 22.
	do	do	22.
	Western Union Telegraph Co	Service	27.
19	E. A. Burnet	Labor	57. 94.
	W. B. Moses & Sonsdo. Western Union Telegraph Co E. A. Burnetdo.	do Drayage	94.
	W. J. Crawford	Drayage	1.
	Dr F Franceschi	do	24.
	Wm K Harris	do	7. 75.
	Chas S. Jenkins	Map rack	55.
	Abner Proctor	Bean poles	13.
	do W. J. Crawford H. A. Dreer (Incorporated) Dr. F. Franceschi Wm. K. Harris Chas. S. Jenkins Abner Proctor T. W. Wood & Sons	Corn seed	116.
	do	Pease	1.
	T. W. Wood & SolisdoJno, ScottJn, M. Thornburn & CoBaltimore and Ohio R. R. Co	Seeds	1. 25.
-	J. M. Thornburn & Co	do. Passenger transportation. Memorandum books.	1,
20	Baltimore and Onio R. R. Co	Passenger transportation	77.
	Brentano's	Memorandum books	13.
	Battimore and Onto R. R. Co. Brentano's. F. W. Bolgiano & Co. Littlefield, Alvord & Co. do. L. Mordon Bange Co.	Fertilizer Transportation	33. 56.
	do	do	50.
	E. Morrison Paper Co	Pencils	3.
	Remington Typewriter Co	Pencils Typewriter	92
	E. G. Schafer & Co	Plugs	
	E. S. Schmid	Stakes Bulbs	34.
	dodoE. Morrison Paper CoRemington Typewriter CoE. G. Schafer & CoE. S. Schmiddododododododo	Bulbs	22.
	W. S. SheetzdoThe Smith-Premier Typewriter CoWoodward & LothropThe Washington Times CoYawman & Erbe Manufacturing CoS. A. Knappdo.	Camera, etc	88. 10.
	The Smith-Premier Typewriter Co	Camera Knob for typewriter Desk, etc Advertising Cards, etc Expenses	10.
	Woodward & Lothrop	Desk, etc.	35.
	The Washington Times Co	Advertising	13.
	Yawman & Erbe Manufacturing Co	Cards, etc	20.
23	S. A. Knapp	Expenses	23.
	do. Laing & Mather Pennsylvania R. R. Co.	do	27.
	Laing & Mather	Seeds.	42. 11.
	Pennsylvania R. R. Co	rassenger transportation	188
	do	do	28
	do	Transportation.	28. 142. 2.
	do	do	2
	do	do	4
	do	do	3.
	do	do	125
	Pennsylvania R. R. Codododododododo.	do	213
	Washington Southern Rwy, Co	do	21
	do	do	1
	do	Passenger transportation	23
	Washington Southern Rwy, Co	Transportation	95
25	F. W. Boehme	Wheat, etc	95 262
26	P. H. Dorsett	Traveling expenses	293
	J. E. W. Tracy	do	278.
	Church & Stephenson	Lumber	30.
30	Delano & Moore	Films	5.
30	Trinity and Brazes Valley Bwy Co.	. Transportation	
	The Oregon R R and Navigation Co	do	2
	Chesapeake and Ohio Rwy. Co	do	1
	do.	do	1
	Chicago, Rock Island and Gulf Rwy. Co	do	1. 5.
	Texas-Mexico Rwy. Co	do	2.
	Washington Southern Rwy. Co. do. do. do. Washington Southern Rwy. Co. F. W. Boehme. P. H. Dorsett. J. E. W. Tracy. Church & Stephenson. Delano & Moore. Texarkana and Fort Smith Rwy. Co. Trimity and Brazos Valley Rwy Co. The Oregon R. R. and Navigation Co. Chesapeake and Ohio Rwy. Co. do. Chicago, Rock Island and Gulf Rwy. Co. do. Chicago, Rock Island and Gulf Rwy. Co. do. do. Texas-Mexico Rwy. Co. do. Texas Central R. R. Co. Houston, East and West Texas Rwy. Co. Great Northern Rwy. Co.	do	2. 7.
	Texas Central R. R. Co	do	7.
	Houston Fast and West Teyes Rwy Co	. do	2.

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS—Continued.

Date.	Name.	Nature of payment.	Total.
	Supplemental—Continued.		
1904.			
July 30	Delaware and Hudson Co	Transportation	\$1.00
	W. P. Clyde & Co. Texas, Saline Valley and Northwestern Rwy. Co.	do	14.40
	The Denver and Rio Grande R. R. Co. Fort Worth and Denver City Rwy. Co.	do	1.3
	Fort Worth and Denver City Rwy. Codo.  Fort Worth and Rio Grande Rwy. CoVelasco, Brazos and Northern Rwy. CoNew York, Texas and Mexico Rwy. CoNew York and Porto Rico S. S. CodoSon Antonio and Guif R. P. Co.	do	15. 24 10. 01
	Fort Worth and Rio Grande Rwy. Co	do	16, 52
	New York Teyes and Merico Rwy Co	do	3.0
	New York and Porto Rico S. S. Co.	do	11.8
	Con Antonio and Gulf D. D. Go	do	. 6
	San Antonio and Gulf R. R. Co San Antonio and Aransas Pass Rwy. Codo.	do	$\frac{1.2}{3.4}$
	do	do	31.0
	dodoGulf, Colorado and Santa Fe Rwy. Codododododododo	do	50.4 523.3
	do	do	53, 3
	do	do	29.3
			4.2
	do. do. Houston and Texas Central R. R. Co	Transportation	32.38
	Houston and Tayon Control D. D. Co	do	4.2
	do	do	32.84 1.78
	do	do	25. 2
	St. Louis Southwestern Rwy, Co. of Texas	do	6.43 17.21
	Gulf, Western Texas and Pacific Rwy Co	do	. 85
	dodododododododo.	do	. 5
	Texas and Pacific Rwy. Co	do	3.4 59.8
	do	Passenger.transportation	53.08
	New York Central and Hudson River R. R. Co.	Transportation	1.09
	dodododododododo.	do	. 60
	do	Passenger transportation	15.00
	Texas and New Orleans R. R. Co.	do	15.00 37.30
	do	Transportation	24.58
	dodododododododo.	do	1.02 548,40
	California Northwestern Rwy. Co	Passenger transportation	4.50
	Michigan Central R. R. Co.	do	34. 80 21 22
	Missouri, Louisiana and Texas R. R. and	do	21. 28
4	S. S. Co.	do	5.00
	Oregon Short Line R. R. Co.	do	28.88
	Villar & Co.	do	40.00
Aug. 1	Chas Shore	Repairing bicycle	19.00 4.00
3	The Geo. W. Knox Express Co	Drayage	18.00
	Littlefield Alvord & Co	dodo	45, 93 6, 67
	Louis Hartig.	Wire	10.85
	Missouri, Louisiana and Texas R. R. and S. S. Co. New York, New Haven and Hartford R. R. Co. Oregon Short Line R. R. Co. Villar & Co. American Writing Machine Co. Chas. Shore. The Geo. W. Knox Express Cododo. Littlefield, Alvord & Co. Louis Hartig. Alex. Schmid. Thos. Somerville & Sons. do.	Plumbing meterial	4.75 9.19
	dodo	do	107.44
	Barber & Ross Capital Traction Co. The Chesapeake and Potomac Telegraph Co.	Buckets	. 59 10.00
	The Chesaneake and Potomac Telegraph Co	Car tickets	6, 25
1	do	do	. 70
	Brentano's	Fountain pen	$\frac{5.00}{1.32}$
	D. F. Parker Jno. C. Parker	Typewriter paper	23.82
	Jno. A. Pierpoint	Tin card holder	5.00
	Mackall Bros. National Electric Supply Co.	Jars. Desk fan	1.57 10.50
	Potomac Electric Power Co	Electric current	5.11
	W. B. Moses & Sons. Smith-Premier Typewriter Co	Bookcase Typewriter, etc	20.00 $92.25$
	W. S. Sheetz	Photo supplies	6.00
	do Pope Manufacturing Co	Repairs to bicycle.	2, 25 3, 03
	Thos R Riley	Lumber	118, 20
	Washington Gaslight Co.	Gas	.70 12.60
	Washington Gaslight Co. The Washington Post L. L. Thompson	Advertising. Roofing.	137.60
5	J. A. Widtsoe	Labor.	88.05

### PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS-Continued.

Date		Name	Nature of payment.	Tota
		Supplemental—Continued.		
1904.		tsoe .pp .pp .tilson .pp .wen .ch .ms .is .kinson .er (Incorporated)	T - 1	0.00
ug.	J. A. Wid	TSOE	Labor Expenses	\$67 72
1	Jac W V	.pp	Labor	75
1	S A Kng	nn	Labor Expenses Rental of land do Bulbs Cultivation of land Clover seed	4]
-	W. H. Bo	wen	Rental of land	30
	J. D. Bos	ch	do	10
	H. U. Bu	rns	Bulbs	14
	J. G. Dav	is	Cultivation of land	60
	T. A. Dic.	kinson	Clover seed	1,012 77
	Bornard 3	er (incorporated)	Seeds	10
	District of	Distel.  f Columbia Paper Manufacturing	Services, etc	45
		ing Star Newspaper Co	Advertising	6
	Z. D. Gilr	nan	Slides	32
	Geo. F. M	uth & Co	Lead	32
	Remingto	n Typewriter Co	Repairing paper	(
18	Gundlach	West & Co.	Tand ront	61
10	Wm K	Jarrie	Plante	76
	W. D. Ha	mmack	Advertising Slides Lead Repairing paper Wire, etc. Land rent Plants Land rent	60
	Mary Lay	vrence	do	10
	Republic	Bag and Paper Co	Bags	10 15
	J. Steckle	ing Star Newspaper Co. nan uth & Co. u Typewriter Co. West & Co. Bundschw Wine Co. Iarris. mmack vrence. Bag and Paper Co. r Seed Co. inger & Co.	Land rentdodoBags Tobacco seedDoors Envelopes Seeds	2
	J. C. Mon	inger & Co	Tobacco seed Doors Envelopes Seeds do Peas Cards. Forceps, etc Teosinte Rags Cultivating cotton	9
	United St	ates Envelope Co	Envelopes	136
	Too With	Teembe	Seeds	31
	E E Eve	ns	Peas	39
	Library H	Sureau	Cards	11
	Bausch &	Lomb Optical Co	Forceps, etc	24
	T. W. Wo	od & Son	Teosinte	126 847 278
20	J. Ross C	ollins	Rags	847
20	R. C. Kee	nan	Cultivating cotton	278
	T T L ow	ton	do d	80
	C H Wei	nte	Services etc	80
	W. E. Ma	rvin	Cultivating alfalfa	25
	J. Junger	mann	do	28
	A. F. Jors	ss	Mail rack	15
	Western	Union Telegraph Co	Service	
01	do	hn rrison	do	58
2'	H. Melsia	nn	Seeds	229
20	M Samue	. 118011	Sarvices etc	40
	Underwoo	I od Typewriter Co Woods & Erbe Manufacturing Co	Renairs	6
	Chas. D.	Woods	Cultivating vegetables	13
	Yawman	& Erbe Manufacturing Co	Sections	13 64
	do	• • • • • • • • • • • • • • • • • • • •	Go Seeds Fertilizer Services, etc Repairs Cultivating vegetables Sections Sections, etc	90
4 .	do	Coy or ney & Son n ates Express Co.	sections, etcdo Land rent Cultivating cotton Rent land Raising vegetables Transportation	22
t. :	C. Wesley	Coy	Lang rent	38
	N B Koo	nev & Son	Rent land	291 100
10	C. L. Alle	n	Raising vegetables	150
14	United St	ates Express Co	Transportation	4
	do		do	271
	do		do	97
41	do	Cohool Cumply Co	Deleviseenes etc	251
11	Wichite V	alley Rwy Co	Transportation	251
13	Atlantic (	Coast Line R R Co	Passenger transportation	4
	Chicago a	nd Northwestern Rwy, Co	do	10
	Texas Pac	eific Rwy. Co.	do	19
	do		do	37 17
	The Pullr	nan Co	do	17
	The Waba	ash K. K. Co		10
	do		do	17
	Southern	Rwy, Co.	do	10
	Washingt	on Southern Rwy, Co	do	2
	Seaboard	Air Line Rwy. Co	Raising vegetables Transportation  do  do  do  do  Polariscopes, etc Transportation  Passenger transportation  do  do  do  do  do  do  do  do  do	4
	Texas Cer	ntral R. R. Co	do	1
	Texas Mic	lland R. R. Co	do	6
	Houston	East and West Texas Rwy. Co	Transportation	6
	Northern	Pacific Rwy. Co	Passenger transportation	28 22
	Florida a	of Fast Coast Page Co	do	22
	Houston	and Western Tayes P. P. Co.	do	40

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS—Continued.

Date.	Name.	Nature of payment.	Total.
1904. Sept. 19	Supplemental—Continued.  Missouri, Kansas and Texas Rwy. Co International and Great Northern R. R. Co Adams Express Codo.	Passenger transportationdo Transportationdo do	\$38, 59 154, 06 40, 60 40, 67
24	do J. M. Lupton Atlantic Coast Line R. R. Co Chas. R. Edmonston Baltimore and Ohio R. R. Co	do. Land rent Passenger transportation Stand, etc. Transportation	40.6 51.00 10.00 1.20 12.50 28.40
	dododo J. M. Lupton Atlantic Coast Line R. R. Co Chas. R. Edmonston Baltimore and Ohio R. R. Cododo Pennsylvania R. R. Co Union Pacific R. R. Co New York Central and Hudson River R. R. Co Co.	do	54.3 18.3 1.4
	Star Union Line	dodo	16.28
	Total		13,884.10
	RECAPITULA	TION.	
	st quarter ond quarter ind quarter irth quarter pplemental.		
in in it I U	SETTLED BY UNITED ST		249,851.51
Date.	Name.	Nature of payment.	Total.
1904. Feb. 10	Washington Southern Rwy. Co	Transportation	\$41.82
17 Apr."}14 June 120 Sept. 8	Washington Southern Rwy. Cododo  do Chesapeake and Ohio Rwy. Co Southern Pacific Co The Geo. W. Knox Express Co Blue Line Transfer Co Southern Pacific Co do	do do Passenger transportation Transportation do do do	\$41. 82 20. 24 3. 85 66. 72 76. 70 2. 30 1. 22 5. 63 31. 44
Mii	Total		249.92
	FOREIGN SEED AND PLA	NT INTRODUCTION.	
1000			
1903. July 25	M. A. Handy G. L. Taber	Copying card index Fruit trees	\$10.50 129.10
Aug. 31 12 19	Edgar A. Metcalfe D. S. Bliss E. A. Bessey	Salary Traveling expenses Salary	111. 10 22. 58 24. 93 126. 40
21	M. A. Handy. G. L. Taber. Grace Bell et al. Edgar A. Metcalfe. D. S. Bliss. E. A. Bessey. Seaman A. Knapp. Fred. Stockwell. P. H. Dorsett. P. H. Rolfs. Edw. S. Schmid. F. R. Holzmann.	do	168.50 60.00 33.30 56.85 20.00
25 31	F. R. Holzmann S. A. Knapp P. H. Rolfs Grace Bell et al.	do	50.50 35.00 74.70 111.10
Sept. 1 3 5 9	S. A. Knapp Fred. Stockwell G. W. Oliver Yawman & Erbe Manufacturing Co	Salary. do Traveling expenses.	168.50 60.00 149.56 65.50
11 17 22	F. R. Holzmann S. A. Knapp P. H. Rolfs Grace Bell et al S. A. Knapp Fred. Stockwell G. W. Oliver Yawman & Erbe Manufacturing Co. M. G. Copeland Co. E. A. Bessey P. H. Dorsett M. A. Carleton	File Sections Flag Salary Traveling expenses do Salaries	3.41 126.40 86.24
25 30	Grace Bell et al	Salaries	235.09 107.80 2,037.06
	Total first quarter	=	2,007.00

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. FOREIGN SEED AND PLANT INTRODUCTION—Continued.

Date.	Name. •	Nature of payment.	Total.
1903.			
Oct. 2	D. G. Fairchild	Salary	\$163.00
5	Fred. Stockwell.	do	60.00
	Fred. Stockwell S. A. Knapp E. A. Bessey Wilson & Flye D. S. Bliss A. H. Leidigh S. A. Knappdo P. H. Roffs S. A. Knapp Edw. S. Schmid M. A. Carleton F. R. Holzmann	do.	163.00
10	E. A. Bessey	do	122. 20 14. 27
12 14	Wilson & Flye	Seeds.	14.27
19	A. H. Leidigh	Goseds. Traveling expensesdo Expensesdo	2.95
10	S. A. Knapp	Expenses.	3. 45 20. 00
	do	do	21.82
	P. H. Rolfs	dodododotaveling expensestaveling expensesservicesTransportationdodo	58.10
02	S. A. Knapp.	Traveling expenses	139.82
23 26 28	M A Carleton	Traveling avnances	15.00 70.44
28	F. R. Holzmann	Services .	99.50
31	The Atchison, Topeka and Santa Fe Rwy, Co.	Transportation	6. 15
	Washington Southern Rwy. Co	Passenger transportation	6. 15 22. 65 17. 00 97. 20
	Pennsylvania R. R. Co.	do	17.00
	The Chesapeake and Ohio Rwy. Co	do do do Salaries	97. 20
	Cross Poll et al	Coloring	5.00
Nov. 3	S A Knann	Salary	111. 10 168. 50
2107. 3	Fred. Stockwell.	do	60.00
	Washington Southern Rwy. Co Pennsylvania R. R. Co The Chesapeake and Ohio Rwy. Co Southern California Rwy. Co Grace Bell et al S. A. Knapp. Fred. Stockwell D. G. Fairchild A. H. Leidigh P. H. Dorsett Wm. Bull & Sons S. A. Knapp. Haage & Schmidt A. H. Leidigh	do	168.50
5	A. H. Leidigh	Traveling expenses	1.60
17	P. H. Dorsett	do	89.48
20	Wm. Bull & Sons	Bulbs	60.62
23	S. A. Knapp	Expenses	55.00
24	A H Loidigh	Expenses	50.04
, 24	do	do	5.60 10.95
	do Vilmorin, Audrieux & Co Grace Bell et al.	do Oats, etc Salaries	116.47
30	Grace Bell et al.	Salaries.	107, 80
Dec. 1	Edw. S. Schmid	Labels	116. 47 107. 80 37. 50
2	Edw. S. Schmid. Yawman & Erbe Manufacturing Co	Sections	36.00
	Frank Harrison	Pen Eyelet punch Traveling expenses	2.50
9	John C. Parker	Eyelet punch	1.14
3	II S Mailing Case Co	Cases	4.33 5.46
4	Yawman & Erbe Manufacturing Co. Frank Harrison John C. Parker D. S. Bliss U. S. Mailing Case Co P. H. Dorsett L. A. Fitz D. G. Fairchild Fred. Stockwell A. H. Leidigh	Cases Traveling expensesdo Salary	128.30
	L. A. Fitz	do	13.85 163.00
	D. G. Fairchild	Salary	163.00
-	Fred. Stockwell	do	60.00
5	A. H. Leidighdo	Traveling expenses	14.45
8	Cleveland, Cincinnati, Chicago and St. Louis	do	2. 45 20. 25
Ŭ		a assenger viamsportation	20. 20
	Chicago and Northwestern Rwy. Co	dodododo	7.94
	Pennsylvania R. R. Co.	do	6.50
***	The Atchison, Topeka and Santa Fe Rwy. Co.	do	9.50
10	D. G. Fairchid	Traveling expenses	6.40
11	M Du Perow	Seed	6.00
14	Rwy. Chicago and Northwestern Rwy. Co. Pennsylvania R. R. Co. The Atchison, Topeka and Santa Fe Rwy. Co. D. G. Fairchild J. J. Dean M. Du Perow Church & Stephenson Anderson & Co. J. B. Evans Henry L. Bolley International and Great Northern R. R. Co.	Lumber	1.50 22.95
	Anderson & Co	Seeds. Traveling expenses. Salary.	32 60
15	J. B. Evans	Traveling expenses	28. 20 125. 00
17 18	Intermedianal and Creek Northern B. B. C.	Salary	125.00
18	International and Great Northern R. R. Co. The Lake Shore and Michigan Southern Rwy.	rassenger transportation	8.45 19.00
	Co.		19.00
	Delaware Lackswanns and Western R R Co.	do	8.00
	Chicago, St. Paul, Minneapolis and Omaha	do	6.40
	Rwy. Co.		
19	Chicago, St. Paul, Minneapolis and Omaha Rwy. Co. Hattie L. Asseltine. Grace Bell et al.	Seed	5.00
31	Grace Bell et al	Salaries	109.47
	Total second quarter		3,005.35
	Total second quarter		3,000.30
1904.			
Jan. 2	Wm. A. Taylor	Traveling expenses	111.46
5	S. A. Knapp	Expenses	44.85
	Wm. A. Taylor. S. A. Knapp do E. G. Schollander	do	163.05
6	E. G. Schollander	Traveling expenses	41.43
U	H. L. Bolley	Salary	60.00
15	D. G. Fairchild	do	25.00 168.50
16	E. G. Schollander Fred. Stockwell H. L. Bolley D. G. Fairchild R. W. Heingartner B. J. Agadjanian S. A. Knapp P. H. Dorsett	do do Pistachio nuts. Turpentine tree seeds Expenses Traveling expenses.	31.00
	B. J. Agadjanian	Turpentine tree seeds	60.00
	S. A. Knapp	Expenses	74. 75 55. 90

## FOREIGN SEED AND PLANT INTRODUCTION—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
an. 16	P. H. Dorsett	Traveling expenses	\$93.
	F P Holemann	Salary	99.
20	Geo. S. Baker Pennsylvania R. R. Co Galveston, Harrisburg and San Antonio	Expenses Passenger transportation do	2. 36.
25	Pennsylvania R. R. Co	Passenger transportation	36.
	Galveston, Harrisburg and San Antonio	do	48.
		do	0
	Swy. Co. Southern Pacific Co. Vilmorin, Andrieux & Co. do. Eimer & Amend D. G. Fairchild do. Grace Bell et al Fred. Stockwell D. G. Fairchild	Seeds.	6.
	do	dodo	7.
29	Fimer & Amend	Rell glasses	41.
30	D. G. Fairchild	Bell glasses	73.
00	do	do	43.
31	Grace Bell et al	Salaries.	109.
eb. 2	Fred. Stockwell	Salary	60.
0.01		do	170.
4	O. A. Thompson	Traveling expenses	34.
	E. G. Schollander	Traveling expenses	9.
	P. H. Dorsett	do	38.
8	James E. Jones. The J. F. W. Dorman Co. (Incorporated)	Expenses	1.
12	The J. F. W. Dorman Co. (Incorporated)	Numbering machine	110
15	S. A. Knapp J. W. Watson	Expenses Numbering machine. Expenses Repairs to building	30.
17	J. W. Watson	Wheat	46 106
	J. A. Riedesel	Wheat	4
18	Southern California P. P. Co.	Hauling	14
19	Edmond Hayden Southern California R. R. Co M. A. Carleton	Traveling expenses	14 117
23	Frank T. Budge	Dynamite.	9
24	A. J. Pioters	Expenses	44
29	A. J. Pieters. Grace Bell et al. D. G. Fairchild. F. R. Holzmann.	Expenses Salaries Salary Traveling expenses	105
ar. 1	D. G. Fairchild	Salary	159
2	F. R. Holzmann	Traveling expenses	18
_	U. A. Thompson	Salary	31
5	Americus Fuller	Nate	52
	Dammann & Co		106
11	S. B. Hubbard Co	Pipe, etc	20
16	Actien Zucherfalbrik Kwassitz	Barley	53
17	Chicago, Rock Island and Gulf Rwy. Co	Passenger transportation	9.
	The Atchison, Topeka and Santa Fe Rwy. Co.	do	28 17
18	Pennsylvania R. R. Co	do	17
	The Pullman Co	Q0	14
01	Dammann & Co. S. B. Hubbard Co. Actien Zucherfalbrik Kwassitz. Chicago, Rock Island and Gulf Rwy. Co. The Atchison, Topeka and Santa Fe Rwy. Co. Pennsylvania R. R. Co. The Pullman Co Union Pacific R. R. Co. Sutton & Sons L. A. Fitz	Poons	, 4. 29
21 22	T. A. Fitz	Beans Traveling expenses	13
28	S A Knopp	Expenses	33
29	L. A. Fitz S. A. Knapp Haage & Schmidt	Grains	56
20	J. B. Evans	Grains. Traveling expenses. Salaries.	39
31	J. B. Evans Grace Bell et al.	Salaries	112
01			
	Total third quarter		3,100
Apr. 4	O. A. Thompson A. H. Leidigh	Salary	34
	A. H. Leidigh	Traveling expenses	11
	E. A. Bessey D. G. Fairchild	Salary.  do Expenses Salary.	70
9	A T Pieters	Eynangag	170 82
11	A. J. Pieters. W. P. Snyder.	Salary	21
14	P. H. Dorsett	Traveling expenses	20
18	Franck Toly		51 97 198
20	Socrates Xanthanaulo	do	97
19	Etienne Salamon et fils	Grapevines	198
20	Chicago, Milwaukee and St. Paul Rwy, Co	Passenger transportation	14
	Socrates Xanthapaulo. Etlenne Salamon et fils Chicago, Milwaukee and St. Paul Rwy. Co New York Central and Hudson River R. R. Co.	do	38
	Co.  Northern Pacific Rwy. Co  Chicago and Alton Rwy. Co  Terre Haute and Indianapolis R. R. Co S. A. Knapp  Chicago, Rock Island and Pacific Rwy. Co A. H. Leidigh  Grace Bell et al.	do	68
	Chicago and Alton Rwy, Co.	do	7
	Terre Haute and Indianapolis R. R. Co	do	19
	S. A. Knapp	Expenses	30 29
22	Chicago, Rock Island and Pacific Rwy. Co	Passenger transportation	29
29	A. H. Leidigh	Expenses	5
30	Grace Bell et al	Salaries	108
May 2	J. B. Evans. D. G. Fairchild E. A. Bessey	Traveling expenses	24
3	D. G. Fairchild	Salary	164
4	W. D. Spyder	0D	123 60
	W. F. SHYUEF	0D	60
	T. A. Fitz	do	50
	R. A. Bessey W. P. Snyder J. S. Cole L. A. Fitz Allmana Svenska-Utsides Aktiebolaget O. A. Thompson	Seed barley	50 43

## FOREIGN SEED AND PLANT INTRODUCTION—Continued.

ate.	Name.	- Nature of payment.	Total.
904.			
y 4	P. H. Rolfs C. L. Franklin W. N. Brewster	Salary	\$206.00
	C. L. Franklin	Trees.	15.00
6	Suzuki & Iida	Seeds	10.00 5.50
0	Pen Carbon Manifold Co	Carhon	2.50
13	Pen Carbon Manifold Co	Typewriter Traveling expenses Expenses	85,00
16	Edwd. Goucher A. H. Leidigh	Traveling expenses	13.2
	A. H. Leidigh	Expenses	1.20
10	do	Traveling expenses	5.95
18		Passenger transportationdo	69. 9
1	The Texas Pacific Rwy Co	do	17. 13 37. 30
25	Delano & Moore.	Photo supplies	126.1
1	Chicago Great Western Rwy. Co	doPhoto suppliesPassenger transportation	28.0
28	M. A. Carleton. Grace Bell et al. D. G. Fairchild.	Traveling expenses	103. 7
31   1 ne 2	Grace Bell et al	Salaries	112.40 170.40
			40.0
	R. L. Beagles P. H. Rolfs W. P. Snyder O. A. Thompson	do	213.0
1	W. P. Snyder.	do	60.0
	O. A. Thompson	do	34.0
	Chas. L. Franklin	do	30.0
1	Chas. L. Frankin L. A. Fitz I. G. Marks J. G. Murphy The Nichols Hardware Co	do	50. 00 50. 00
3	I G Murphy	Hamass	30.0
3 7	The Nichols Hardware Co	Wagon	190 0
		Lau001	27.00
	Latham & Co Edwd. S. Schmid	Mango plantsLabels, etc	27. 00 68. 30 47. 50
6	Edwd. S. Schmid	Labels, etc	47.5
	Chas. P. Swett	Tags	12.50
8 8	S. A. Knapp. A. H. Jeidigh J. T. Willard J. S. Cole.	Expenses Traveling expenses	43.6
113	I. T. Willard	Fynansas	11.70 60.00
11 3	J. S. Cole	Expenses	60.00
	J. B. Evans J. Murphy & Sons D. S. Bliss I. G. Marks	Traveling expenses Labor Traveling expensesdo	24.78
14	J. Murphy & Sons	Labor	87.50
17	D. S. Bliss	Traveling expenses	22.13
21	D. T. Boogles	do	26. 35
21	E. Morrison Paper Co	Tags	7.68 7.12 44.86
22	A. V. Stubenrauch	Tags Expenses Salaries	44.80
30	R. L. Beagles E. Morrison Paper Co. A. V. Stubenrauch Grace Bell et al	Salaries	108.80
1	Total fourth quarter		3, 933.4
	Supplemental.		
y 1	T3 T3 TT 1	Salary	101.6
y 1 2	C. L. Franklin	do	30.00
1 3	P. H. Rolfs	do	206.00
	D. G. Fairchild	do	164. 80
1	J. S. Cole	do	60.00
1	I G Marke	do	60.00 50.00
1	F. K. HOIZMAN C. L. Franklin P. H. Rolfs D. G. Fairchild J. S. Cole W. P. Snyder I. G. Marks L. A. Fitz B. I. Regelee	do	50.00
]	L. A. FIZ. R. L. Beagles. O. A. Thompson A. H. Leidigh M. A. Carleton A. H. Leidigh	do	40.00
(	O. A. Thompson	do	33.00
5	A. H. Leidigh	Traveling expenses	33. 28 28. 18
6	A H Laidigh	Expanses	28.18
9	A. H. Leidigh A. V. Stubenrauch	do	288. 60
	Edwd. Hurdle	Gutter, etc.	65. 00
14	Edwd- Hurdle H. H. Boyle	Gutter, etc. Traveling expenses	65. 00 11. 80
	H W Stedman	Lahor	27.00
15 8	S. A. Knapp. A. J. Pieters A. H. Leidigh	Expenses	2.00 28.3
18	A. J. Fleters	do	28.37 16.63
11.	00	Traveling expenses	1. 5
100	E Immon f- Com	Seed	86. 8
	Jas. S. Topham	Traveling case.	35.00
19	Pen Carbon Manifold Co	Traveling case. Pen carbon paper Traveling expenses	15.00
20	Baltimore and Ohio R. R. Co	Traveling expenses	37.3(
7	Fanimer & Son Fanimer & Son Fani & Fon Fani	Lumber	48.10
23	E. A. Bessey	Services	35. 90 8. 24
	do	Expenses	80, 63
	E. W. Churchill	do	276.69
	Southern Rwy. Co.	Passenger transportation	38.38 6.29
	. do do	F	do. Passenger transportationdo.

## $Expenditures \ of \ the \ Department \ of \ Agriculture \ for \ fiscal \ year \ ending \ June \ 30, \ 1904-Cont'd.$

## FOREIGN SEED AND PLANT INTRODUCTION—Continued.

Date.	. Name.	Nature of payment.	Total.
1904.	Supplemental—Continued.		
July 23	J. Murphy	Bricks	\$77.00
26	S. A. Knapp	Expenses	1.50
30	Chicago Great Western Rwy, Co	Lumber Passenger transportation	105. 50 8. 00
	Church & Stephenson Chicago Great Western Rwy. Co. The Missouri Pacific R. R. Co. Union Pacific R. R. Co.	do	50.00
	Union Pacific R. R. Co	do	4.60
Aug. 3	R. P. Skinner Chas. R. Edmonston	Seeds. Filter.	101. 25 53. 00
ilug. 0	do	Stand	12,50
	Thos Comparille & Cone	Dlumbing material	61.88
	National Electric Supply Co. The Smith Premier Typewriter Co.	Desk fans	59. 32 105. 00
*	The Smith Premier Typewriter Co	Typewriter, etc	92, 25
	E. G. Schafer & Co	Valves, etc	93.00
	Rudolph Wort & Co	do	100.00 2.47
	Thos. R. Rilev	Saw, etcLumber.	4.48
	Remington Typewriter Co.	Lumber Typewriter and cover	92, 25
	W. T. Walker Brick Co	Brieks Bulbs	480. 60 5. 40
	E. G. Schafer & Co. do. Rudolph, West & Co. Thos. R. Riley. Remington Typewriter Co. W. T. Walker Brick Co. The Washington Market Co. E. G. Schafer & Co. do. Church & Stephenson. H. E. Jugnemann.	Tees.	31.82
	do	Pipes, etc	36.47
4	Church & Stephenson	Lumber	868. 34
5 8	H. E. Juenemann Fresno Vineyard Co.		50. 70 68. 25
18	A. B. Farguhar Co	Expenses Thrashing machines	110.00
	A. B. Farquhar Co Manhattan Electric Supply Co	Ceiling fans	175.00
	J. A. McFeely	Tank. Engine.	45.00 135.00
	do. Louis Van Houtte Pèré. Yawman & Erbe Manufacturing Co.	Plants	11.58
	Yawman & Erbe Manufacturing Co	Sections	14.00
22 25	P. H. Dorsett A. V. Stubenrauch Thos. Somerville & Sons	Traveling expenses	79.82 48.00
29	Thos. Somerville & Sons	Expenses Plumbing	18.18
		Pipe, etc	203. 22
Sept. 7	D. G. Fairchild Church & Stephenson	Traveling expensesLumber	92.39 24.00
14	dodo	Lumberdo	184, 25
	do	do	184. 25 29. 60
	do		24. 00 85. 00
	do	do	29. 28
	do	do	56.00
19	Pennsylvania R. R. Co.	Passenger transportation	9.84 13.59
	The Tayas and Pacific Pwy. Co	dodo	16.00
	dododopennsylvania R. R. CoChicago, Rock Island and Pacific Rwy. CoThe Texas and Pacific Rwy. CoThe Pullman CoThe Pullman CoSouthern Rwy. CoThe Delaware, Lackawanna and Western R. R. Co.	do	19.50
	The Pullman Co.	do	25.50
	Fort Worth and Denver City Rwy Co	do	64.05 11.65
	The Delaware, Lackawanna and Western	do	5. 83
20			239.75
20	Alexandria Bonded Warehouse Co	. rams, etc	239.75
	Total		6,302.13
	lk	1	
_	RECAPITULA	ATION.	00 007 00
Total fir	st quarter		3 005 35
Total th	st quarter		3, 100. 10
Total for	urth quarter		3, 933. 40
Total su	pplemental		- 6, 302. 13
	tal		
	ACCOUNTS PAID BY UNITE	D STATES TREASURY.	
_			Motel

Date.	Name.	Nature of payment.	Total.
1904. Feb. 17 Sept. 8	Southern Pacific Co	do	\$21. 10 77. 00 98. 10

## Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. SPECIAL AGENTS.

Da1	te.	Name.	Nature of payment.	Total.
190	4.			
		J. E. W. Tracy	Vouchers, 1904	\$1,376.69
		H I. Ballay	do	1,869.87 1,320.76
		J. E. W. Tracy P. H. Dorsett H. L. Balley G. T. Moore E. A. Bessey	do	1,422.97
			do	911. 24
		Total		6,901.53
		INVESTIGATING PRODUCTION	OF DOMESTIC SUGAR.	
190	3.			
Aug.	10	Chas. F. Saylor	Salary. Traveling expenses.	\$225.00
		do	Expenses	71.27 11.90
	17	do. The Press Clipping Bureau C. F. Saylor do.	Clippings Salary Traveling expenses	5.00
Sept.	. 3	C. F. Saylor	Salary	225.00
_	16	do	Traveling expenses	173.35
		Total first quarter		711.52
Oct.	10	-	Salary	225.00
5501		Chas. F. Saylor	Expenses.	6.10
		do	dø	4.50
	7	do	Traveling expenses	132.80
	8	Union Pacific P. P. Co	Passanger transportation	225.00
	0	Chas F Saylor	Expenses	21.25 14.85
		do.	do	24.00
		do.	Traveling expenses	44.97
D		do	do. Traveling expenses Salary. Passenger transportation.	225.00
Dec.	18		Passenger transportation	18.00
		Total second quarter		941.47
190				
Jan.		C. F. Saylordodo.	Salary. Expenses.	225.00
Ech	16	00	Expenses.	52.50 225.00
Feb.	6	do		67.00
		do	Traveling expenses	13. 25
Mar.	. 1	dodo	Salary.	225.00
	8	do	Expenses	2,40
	9	do	do	32.40
	31	do	Traveling expenses	81.15 225.00
	91	Total third quarter.	Caraly	1,148.70
Amm	. 9	*		5.00
Apr.	20	Bretannos C. F. Saylor	Pen Traveling expenses	92.50
		do		36.47
		do		31.00
350	22	do Chicago, Rock Island and Pacific Rwy. Co Chas. F. Saylordo do		37.95
May	9	Chas. F. Saylor.	Traveling ovrences	225.00
		do	Expenses	28, 65 14, 00
	11			225.00
June	17	dodo	Traveling expenses	63.35
	20		•	11.35
		Total fourth quarter		770.27
190		Supplemental.		
July	14	Chas. F. Saylor	Services	225.00
	20	Boltimore and Ohio P. P. Co	Pagenger transportation	18.77
	23	Pennsylvania R. R. Co.	do	78.77 17.50 17.00
	30	The Wabash R. R. Co	do.	9.85
Aug	. 8	C. F. Saylor	Expenses	9.70
	29	United States Express Co	Transportation	4.85
Sept	. 19	Chicago, Rock Island and Pacific Rwy. Co	Passenger transportation	30.45
		Chicago Great Western Park Co	do	8.00
		The Missouri Pacific Bwy Co	do	6.65 7.50
		Supplemental.  Chas. F. Saylor.  do.  Baltimore and Ohio R. R. Co.  Pennsylvania R. R. Co.  The Wabash R. R. Co.  C. F. Saylor.  United States Express Co.  Chicago, Rock Island and Pacific Rwy. Co.  The Minneapolis and St. Louis R. R. Co.  Chicago Great Western Rwy. Co.  The Missouri Pacific Rwy. Co.  Northern Pacific Rwy. Co.	do	18. 13
		Total		433.40
		1 Otal		433.40

### RECAPITULATION.

Total first quarter Total second quarter Total third quarter Total fourth quarter Total supplemental	941.47 1,148.70 770.27
Total	4 015 26

### COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5-ENTOMOLOGY.

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 31	A. A. Girault	Salary	\$11.29
Feb. 9	Lamb & Tilden	Racks	1.30
23	Henry J. Green	Thermometers	4.00
	A. L. Quaintance	Traveling expenses	29.10
29	Whitall, Tatum Co. J. C. Crawford, jr.	Spatulas	.30 51.72
20	Charles T. Brues	do	34.48
	A. Arsène Girault	do	50.00
	F. C. Bishopp	do	51.72
35 0	Austin J. Leister	do	23.08
Mar. 2	Austin J. Leister. A. Arsène Girault. E. Morrison Paper Co.	Traveling expenses	24.20 1.80
4	R. R. Baker	Furniture, etc.	34.90
5	J. W. Rodgers	0.0	30, 75
	J. W. Rodgers Whitall, Tatum Co	Jars, etc	9, 93
10	W. D. Hunter Austin J. Leister	Jars, etc. Traveling expenses	112.70
e e	Austin J. Leister	00	13.55
	A. W. Morrill W. D. Hunter	Evnances	31.83 94.92
	J. C. Crawford	Traveling expenses	61.45
11	L. L. Laycock	Hauling cotton seed	20.50
	do .	Use of horse and buggy	24.00
- 0	Amy D. Gartrell	Stenographic work	23.50
16	Amy D. Gartrell F. C. Bishopp Pennsylvania R. R. Co	Traveling expenses	47.40 71.40
18	Z. D. Gilman	Passenger transportation	27.33
21	Z. D. Ğilman American Entomological Co	Slides, etc. Apparatus for mounting, etc	35.15
21	A. P. Borden	Cotton seed	643.75
	A. P. Borden Bausch & Lomb Optical Co The Globe-Wernicke Co	Case, etc	16.25
	The Globe-Wernicke Co	Cabinets, etc	40.26
22	Arthur H. Thomas Co	Circles	1.60 218.12
22 23	Delano & Moore Charles T. Brues	Photo supplies	21.45
20	A. L. Quaintance	Expenses	26.64
	do	Traveling expenses	101.70
28	do New York, Texas and Mexican Rwy. Co	Passenger transportation	3.80
	do New Orleans and Northeastern R. R. Co	do	18.55
29	Mackall Bros.	Jars	5.55 3.14
29	Delano & Moore	Photo supplies	
	Schneider Bros	Hygrometer, etc.	33, 75
31	Charles T. Brues F. C. Bishopp	Salary	100.00
	F. C. Bishopp	do	100.00
	A. Arsène Ĝirault	do	50.00
	Total third quarter		2,345.40
Anr	_		100.00
Apr. 4	J. C. Crawford, jr Austin J. Leister		
	Charles M. Walker	do	102. 20 100. 00
7	Austin J. Leister Charles M. Walker A. Arsène Girault Warren E. Hinds W. D. Hunter A. L. Quaintance W. D. Hunter Charles M. Walker Julien P. Friez Prosing Bros	Traveling expenses	41.75 36.74
9	Warren E. Hinds	do	36.74
	W. D. Hunter	do	166. 25 74. 29
	A. L. Quaintance	Expenses	156.55
	Charles M Walker	Traveling expenses	49.02
11	Julien P. Friez	Thermographs, etc	100.85
12			
	L. L. Laycock Queen & Co. (Incorporated) Virginia-Carolina Chemical Co	do	30.00
	Queen & Co. (Incorporated)	Table, etc	6.94
	Virginia-Carolina Unemical Co	Fertilizer	465.72 25.00
14	B. D. Wilson	Camera	38 00
14	Remington Typewriter Co	Typewriter and cover	92.25
18	Delano & Moore Remington Typewriter Co. Delano & Moore	Camera	92. 25 38. 00 393. 68
19	Cleveland Compress and Warehouse Co	Freight and storage	393.68
	J. C. Crawford, jr	Traveling expenses	90.15 102.20
	Springer Goes Charles T. Brues	Services. Traveling expenses.	60.30
	A. W. Morrill.	do	115.38

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5—ENTOMOLOGY—Continued.

190				
				-21.00
Apr.	. 19	A. L. Quaintance	Expenses	\$64.80
		A. L. Quaintancedo A. J. Leister. F. C. Bishopp. Whitall, Tatum Co Gulf, Colorado and Santa Fe Rwy. Co Galveston, Harrisburg and San Antonio	Trovaling ornange	34.25 9.00
		F C Richard	do	77.05
		Whitall Tatum Co	Religiass	3.00
	20	Gulf, Colorado and Santa Fe Rwy, Co	Passenger transportation	6.00
		Galveston, Harrisburg and San Antonio	do	10.10
		Rwy. Co.		
		The Pullman Co	do	32.50
		The Yazoo and Mississippi Valley R. R. Co	do	3.40 39.30
		The Pullman Co. The Yazoo and Mississippi Valley R. R. Co. Southern Rwy. Co.	do	39.30
		dodo	do	78.60 117.90
		The Geo. W. Knox Express Co.	Transportation	1.65
		Virginia-Carolina Chemical Co	Kainit, etc.	143.04
		A. Arsène Girault	Traveling expenses	28.86
	0.4	dodododododododo.	Laboratory supplies	75.75
	21 28	Springer Goes.	Pagangar transportation	84.45
	28	Houston and Toyas Control P. P. Co	Passenger transportation	8.90 28.70
		Texas Midland B. R.	do	21.30
		do	do	11.70
	i	San Antonio and Aransas Pass Rwy. Co	do	18.05
		do	do	3 85
	00	Texas Midland R. R.  do.  do.  Antonio and Aransas Pass Rwy. Co.  do.  New York, Texas and Mexican Rwy. Co.  Charles T. Brues  A. Arsène Girault  Charles M. Walker  James Hull  J. C. Crawford, jr  Austin J. Leister  American Entomological Co.  A. L. Quaintance  W. D. Hunter  A. L. Quaintance  P. C. Bishopp  E. S. G. Titus  Chas. T. Brues  J. C. Crawford, jr	Calamy	26.50
	30	A Arsène Girault	do	100.00 50.00
May	2	Charles M. Walker	do	100.00
may	-	James Hull	do	100.00
		J. C. Crawford, jr	do	100.00
		Austin J. Leister	do	98.90
	4	American Entomological Co	Boxes	48.00
	9	W D Hunter	do	80.32 108.25
	11	A. L. Quaintance	do	54.73
	11	F. C. Bishopp	Salary	100.00
		E. S. G. Titus	Traveling expenses	25.95
	- 1	Chas. T. Brues	do	48.05
	10	Chas 1. Brues J. C. Crawford, jr L. L. Laycock A. W. Morrill C. M. Walker	Tran howen oto	117. 95 30. 02
	12	A W Morrill	Traveling expenses	98. 10
		C. M. Walker	do	42.80
		Warren E. Hinds A. L. Quaintance Bausch & Lomb Optical Co W. B. Moses & Sons Procius Rec	do	28, 00
	13	A. L. Quaintance	do	102.66
	16	W. P. Moses & Cons	Microscope, etc	62.10 4.80
		Brosius Bros	Use horse, etc.	25.00
		E. D. Sanderson	Services	2.00
		E. D. Sanderson C. E. Sanborn Arthur E. Lewis	Servicesdo	85, 00
		Arthur E. Lewis	do	70.00
		do	Traveling expenses	2.05
	18	A. L. Quaintance Galveston, Harrisburg and San Antonio	Passenger transportation	75.36 31.20
	10			51.40
		W. D. Hunter	Traveling expenses	140.40
	23	W. D. Hunter Springer Goes  do H. S. Barber A. Arsène Girault	do. Salary. Traveling expensesdo.	95, 80
		do	Salary	100.00
		H. S. Barber	Traveling expenses	28. 45
				45.00 38.95
	26	Southern Rwy, Co	Traveling expenses Passenger transportation	111.10
		Gulf, Western Texas and Pacific Rwy, Co	do	12. 15
		Washington Southern Rwy. Co	do	12. 15 54. 05
		New York, Texas and Mexican Rwy. Co	do	46.50
June	28	Southern Rwy. Co. Gulf, Western Texas and Pacific Rwy. Co. Washington Southern Rwy. Co. New York, Texas and Mexican Rwy. Co. L. O. Howard Chas. T. Brues. F. C. Bishopp A Arshap Girault	Traveling expenses	313.50
June	1	F C Richard	Salary	100.00 100.00
		A. Arsène Girault	do	50.00
		J. C. Crawford, ir.	0b	100,00
		Chas. M. Walker	do	100.00 102.20
		A. J. Leister	do	102.20
	11	A. L. Quaintance	Expenses	62.60
		R F Jorden	Labor	30.00 30.00
		Springer Goes	Salary	100.00
		do	Traveling expenses	101. 25
		F. C. Bishopp A. Arsène Girault J. C. Crawford, jr Chas. M. Walker A. J. Leister A. L. Quaintance L. L. Lacock B. F. Jordan Springer Goesdo A. Arsène Girault J. C. Crawford, jr	do	45.70
		J. C. Crawford, jr	do	133.90

 $Expenditures\ of\ the\ Department\ of\ Agriculture\ for\ fiscal\ year\ ending \center{Lune} June\ 30,\ 1904-Cont'd.$ 

COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5-ENTOMOLOGY-Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
June 11	A. W. Morrill Warren E. Hinds A. L. Quaintance W. D. Hunter Chas. T. Brues Chas. M. Walker	Traveling expenses	\$113. 10
	Warren E. Hinds	do	28.00 106.48
	W D Hunter	do	99.80
	Chas. T. Brues	do	46.35
	Chas. M. Walker	do	33.00
10	A. L. Quaintance Arthur C. Lewis Chas, E. Sanborn	Expenses Salary	11.95
18	Arthur C. Lewis	Salary	70.00
		do	116, 50
	E. D. Sanderson	do	21,00
	F. C. Bishopp.	do	70. 00 85. 01 14. 4. 116. 5. 21. 00 89. 7. 564. 0. 77. 8. 25. 0 25. 00 25. 00 25. 00 25. 00 25. 00 25. 01 13. 0 112. 8 19. 5 71. 11 9, 494. 4 10. 0 100. 0 1
	Cleveland Compress and Warehouse Co	Freight and drayage	564.08
20	T Adama	Moshins	25.00
20	J. Adone. Adams Express Co.	Machine. Transportation.	103. 93
	Jas. Bute.	Paris green	49.00
	Brosius Bros	Paris green Use of horse, etc Poison distributor	25.00
	F. T. Coleman A. W. Buckner	Poison distributor	25.00
	A. W. Buckner	Traveling expenses	
	J. B. Garrett	do	59,00
	R. C. Howell. E. S. Hardy J. Lingo. Western Union Telegraph Co.	do	63. 70
	J. Lingo	Racycle	50.00
	Western Union Telegraph Co.	Service	4.52
			119.00
21 23	W. D. Hunter A. L. Quaintance S. E. McClendon	Expenses	112.85
23	A. L. Quaintance	Two reling over and	71 10
	Total fourth quarter		
July 6	W. D. Pierce	Salary	100.00
	A. J. Leister	do	98.90
	A C Morgan	do	100.00
	W. D. Pierce A. J. Leister C. F. Brues A. C. Morgan W. W. Yothers Wm. A. Hooker F. C. Bishopp A. Arsène Girault J. C. Crawford, jr	do	100.00
	Wm. A. Hooker	do	100.00
	F. C. Bishopp	do	100.00
	A. Arsène Girault.	do	50.00
	Chas. M. Walker	do	100.00
	Springer Goes	do	
9	Springer Goes E. S. G. Titus J. C. Crawford, jr Brosius Bros	Traveling expenses	17.00
11	J. C. Crawford, jr	do	154.90
14	Brosius Bros	Use horse, etc	25.00
	L. L. Lycock B. T. Jordan H. S. Barber	doLaborTraveling expenses	30.00
15	H S Rarbor	Traveling avnerges	67. 55
10	d0	do.	42, 96
	do W. D. Hunter	do	98. 45
	A. C. Lewis	do	3.50
	A. C. Lewis  do R. C. Morgan	do. Expenses Traveling expenses	11.94 70.00 85.00 14.44 116.56 21.00 85.77 564.00 77.82 25.00 25.00 25.00 25.00 63.77 50.00 4.56 113.00 63.77 50.00 112.8 19.57 71.11
	W. D. Pierce	Traveling expenses	135 65
	W. W. Yothers	do	48. 90
	A. L. Quaintance	do	84, 25
	W. D. Pierce W. W. Yothers A. L. Quaintance do Balley Mills Co Cleveland Compress and Warehouse Co	Expenses	39.98
19	Balley Muls Co	1ce DOX	61.00
	Cleveland Compress and Warehouse Co		56.40
	Dust Sprayer Manufacturing Co. W. H. Mackrell	Sprayer. Iron box, etc.	
20	E' C' Righonn	Traveling expenses	73. 90
20	C. T. Brues	do.	48.00
	A. C. Lewis	Services	70.00
	C. T. Brues A. C. Lewis C. E. Sanborn	Services Traveling expenses	16. 20
	do. Baltimore and Ohio R. R. Co.	Services Passenger transportation	85.00
00	Baltimore and Ohio R. R. Co.	Passenger transportation	69.00
23	A. A. Girault Springer Goes	Traveling expensesdo	98, 40
	W. A. Hooker	do	108.95
	W. D. Hunter	Expenses	118. 13
	A. W. Morrill	Traveling expenses	106.95
	Springer Goes W. A. Hooker. W. D. Hunter A. W. Morrill. Chas. M. Walker Pennsylvania R. R. Co. Southern Rwy. Co. E. D. Sanderson	do	33.00
		Passanger transportation	6.50
	Pennsylvania R. R. Co	Traveling expenses	23.00

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5—ENTOMOLOGY—Continued.

Date.	Name.	Nature of payment.	Total.
1904. uly 30	Galveston, Harrisburg and San Antonio	Passanger transportation	\$23.
ury 50	Rwy, Co.		24.
	Houston and Texas Central R. R. Co	do	18.
	New York, Texas and Mexican Rwy. Co	do	29.
	Missouri, Kansas and Texas Rwy. Co	Passenger transportation	8. 12.
	International and Great Northern R. R. Co.	do	8. 2.
	Texas and Pacific R. R. Co.	do	4.
	Texas and Mexican Rwy. Co	do	4. 4.
	Gulf, Colorado and Santa Fe Rwy. Co Kansas City Southern Rwy. Co	do	6. 6.
	New Orleans and Northeastern R. R. Co	do	14.
	Houston and Texas Central R. R. Co. do. do. Missouri, Kansas and Mexican Rwy. Co. do. Missouri, Kansas and Texas Rwy. Co. do. International and Great Northern R. R. Co. Texas and Pacific R. R. Co. Texas and New Orleans R. R. Co. Texas and Mexican Rwy. Co. Gulf, Colorado and Santa Fe Rwy. Co. Kansas City Southern Rwy. Co. New Orleans and Northeastern R. R. Co. Gulf, Western Texas and Pacific Rwy. Co. Morgan's Louisiana and Texas R. R. and S. Co. P. C. Bishopp A. A. Girault C. R. Jones C. T. Brues A. L. Quaintance E. D. Sanderson Delano & Moore W. D. Hunter G. H. Harris J. C. Crawford, jr W. C. Hooker A. J. Liester A. J. Liester A. W. Morrill A. C. Morgan W. D. Pierce C. M. Walker W. W. Yothers F. C. Bishopp C. R. Jones W. R. Pierce A. L. Quaintance C. E. Sanborn A. C. Lewis do. do. do. W. D. Hunter	do	4.
ug. 1	F. C. Bishopp	Services	100.
	C. R. Jones	do	50. 75.
	C. T. Brues. A. L. Quaintance.	do	100. 166.
2 3	E. D. Sanderson.	Traveling expenses	13.
6	W. D. Hunter	Services	2. 208.
,	J. C. Crawford, jr	dodo	125. 100.
	W. C. Hooker	do	100. 100.
	A. W. Morrill	do	100.
	W. D. Pierce.	do	100. 100.
	C. M. Walker	do	100.
8,	F. C. Bishopp	Traveling expenses	116.
	W. R. Pierce	do	116. 96. 44.
	A. L. Quaintance C. M. Walker	do	94. 38.
11	C. E. Sanborn	Services	38. 85. 70.
	do	Traveling expenses	1
	d0	Expensesdo	3. 147. 107.
	W. A. Hooker	Traveling expenses	189.
	A. C. Morgan	do	68. 155. 15.
**	E. D. Sanderson	do	15.
12 16	J. C. Crawford	Traveling expenses	30. 132.
	Springer Goesdo. W. E. Hinds	Sarvices	111. 100.
	W. E. Hinds.	do. Traveling expensesdo.	195
	dodo	dodo	17. 17. 17. 76.
	G. H. Harris		76. 4.
	W. W. Yothers	Traveling expenses	4. 85. 4.
17	C. A. Antonioli.	Service Cages for ants	12.
	Brosius Bros.	Use horse, etc.	114. 25.
	Jas. Bute B. T. Jordan	Paris green	42. 39.
18	W. W. Yothers Western Union Telegraph Co. C. A. Antonioli The Bailey Mills Co. Brosius Bros Jas. Bute. B. T. Jordan C. T. Brues Garth, Howell & Webb Jas. Hull L. L. Laycock Cleveland Compress and Warehouse Co. A. L. Quaintance. do. A. A. Girault Bausch & Lomb Optical Co. Jas. A. Browne Bausch & Lomb Optical Co. C. Weichsel.	Cages for ants Shovels, etc. Use horse, etc. Paris green Labor Traveling expenses Screen	42.
	Jas. Hull	Labor Use horse, etc	7. 28.
	Cleveland Compress and Warehouse Co	Use horse, etc	30. 164.
25	A. L. Quaintance.	Storage. Expenses	27. 60.
27	A. A. Girault	Traveling expenses	44.
27	Jas. A. Browne	Desicator, etc. Passenger transportation Lens. Seed plates	10. 15.
29	Bausch & Lomb Optical Co. C. Weichsel	Lens	22. 25.

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5—ENTOMOLOGY—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
ig. 29	C. Weichsel A. L. Quaintance A. A. Girault	Camera	\$48.
pt. 6	A. L. Quaintance.	Salary	166.
1	A. A. Ğirault	do	166. 50.
	W. D. Pierce	do	100.
	A. A. Girault W. D. Pierce A. J. Leister A. C. Morgan W. D. Hunter A. W. Morrill W. A. Hooker W. W. Y others Springer Goes J. C. Crawford ir	do	100.
	A. C. Morgan	do	100. 208.
	W. D. Hunter	do	208.
	A. W. Morrill	do	100.
	W. A. Hooker	do	100.
	W. W. Yothers	do	100. 100.
	Springer Goes	do	100.
	J. C. Crawford, jr	do	100.
	J. C. Crawford, jr. W. E. Hinds. C. M. Walker. Chas. T. Brues.	do	125. 100.
	C. M. Walker	do	100.
	Chas. T. Brues	do	100.
			75.
	eF. C. Bishopp	do	100.
	Jos. D. Hanby	Rent	168.
10	G. H. Harris	Salary	125.
	F. C. Bishopp Jos. D. Hanby G. H. Harris A. C. Lewis	do	70.
	Chas. C. Sandorn	do	70. 85. 5.
	A. F. Conradi	Time hames and harmon	5.
7.4	United States Express C-	Tropoportation	25.
14 15	G. H. Harris A. C. Lewis Chas. C. Sanborn A. F. Conradi Brosius Bros United States Express Co. Chas. T. Brues Warren E. Hinds A. L. Quaintance do A. A. Girault W. A. Hooker Missouri, Kansas and Texas Rwy. Co. do international and Great Northern R. R. Co. New York, Texas and Mexican Rwy. Co. do	Transportation	4.
19	Warran F Hinds	do do	47. 28.
	A I. Quaintance	do	48.
	A. D. Quantance	Exponence	79
16	Δ Δ Circult	Travaling avnances	98. 78. 45.
17	W A Hocker	do	178.
19	Missouri Kansas and Tayas Rwy Co	Passanger transportation	110.
20	do	do	25
	International and Great Northern R. R. Co.	do	4. 25. 32.
	New York Texas and Maxican Rwy Co	do	70.
	do	do	38.
	do	do	31.
	Houston, East and West Texas Rwy, Co	do	31. 3.
	Houston and Texas Central R. R. Co	do	9.
	do	do	28.
	do	do	28. 27.
	. do	do	16.
	do	do	11.
	do	do	5.
	Gulf, Colorado and Santa Fe Rwy. Co	do	6. 7.
	dodododolf, Colorado and Santa Fe Rwy. Codalveston, Harrisburg and San Antonio Rwy. Co.	do	
	Rwy. Codo St. Louis Southwestern Rwy. Co. of Texas San Antonio and Aransas Pass Rwy. Co	do	9.
	St. Louis Southwestern Rwy. Co. of Texas	do	11.
	San Antonio and Aransas Pass Rwy. Co	do	12.
	do	do	12.
	do	do	4.
	The Kansas City Southern Rwy. Co	do	4. 6. 6.
	do	do	6.
	New Orleans and Northeastern R. R. Co	do	5.
	San Antonio and Aransas Pass Rwy. Cododo The Kansas City Southern Rwy. Codo New Orleans and Northeastern R. R. Codo The Colorado and Southern Rwy. Co Texas Midland R. R. Codo Missouri, Kansas and Texas Rwy. Co. Gulf, Western Texas and Pacific Rwy. Co. The Yazoo and Mississippi Valley R. R. Co The Texas Pacific Rwy. Cododo	do	20.
	The Colorado and Southern Rwy. Co	do	25.
	Texas Midland R. R. Co	do	4. 4. 17.
		do	4.
	Missouri, Kansas and Texas Rwy. Co	00	17.
	Gull, Western Texas and Pacine Rwy. Co	00	4.
	The razoo and mississippi valley R. R. Co	00	11.
	THE TEXAS PACING KWY. CO	d0	9.
	do	do	8.
	do	do	0.
	do do	do	5. 2. 2.
	The Pullman Codododo.	do	19.
	do	do	15.
	Southern Rwy Co	do	15. 117. 107.
20	Springer Goes	Traveling expenses	107
20	Chas R Iones	do	138
	C M Wolker	do	138. 46. 91. 151.
	W W Vothers	do	Q1
	T C Crowford ir	do	151
	W D Piarca	do	132
	W. D. 1 10100	do	100
	A. C. Morgan	do	116
	dododoSouthern Rwy. CoSpringer GoesChas. R. JonesC. M. WalkerW. W. YothersJ. C. Crawford, jrW. D. PierceA. C. MorganG. H. HarrisF. C. BishoppE. D. Sanderson	do	132. 100. 116. 116.

### Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

### COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5-ENTOMOLOGY-Continued.

Date.	Name.	Nature of payment.	Total.
1904. Sept. 20 24	L. L. Laycock Howell Bros J. F. Hart	Traveling expenses Labor Use horse, etc. Feed	\$47.14 116.50 37.50 30.00 6.71 10.00

#### RECAPITULATION.

Tot	al third quarter 1904	\$2,345,40
Tota	al fourth quarter 1904	9, 494, 45
Tot	al first quarter 1905	12,084.43
	· · · · · · · · · · · · · · · · · · ·	
	Total	23,924.28

#### COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5-PLANT INDUSTRY.

Da	te.	Name.	Nature of payment.	Total.
	04.			
Feb.	2	S. A. Knapp	Salary	\$131.87
	13 24	W. A. Orton	Traveling expenses	23, 29
•	24	James S. Topham American Writing Machine Co	Case Typewriter paper	38.00
	29	L. H. Davenport et al.	Salaries	79.49
Mar.		S. A. Knapp	Traveling expenses	87.98
		A. W. Edson	Salary	95.60
		do	Traveling expenses	39.75
	5	U. S. Envelope Co.	Envelopes	221.00
	11	Geo. W. Curtis B. H. Mitchell		46. 05 41. 38
	14	J. L. Quicksall		31.03
		G. W. Curtis	do	225.33
		W. M. Bamberge	do	69.68
		S. H. Watson	do	52.42
		Wm. F. Proctor	do	37.24
		J. E. Wemple H. W. Joyce	do	33.10
		J. E. Adger		16.55 24.83
		Mariana Crosby.	-do	49.66
		J. A. Palmer	do	26, 90
		R. R. Claridge		12.41
		J. W. Stiles.		57.93
		G. A. Garney		67. 59
		Lea Beaty F. A. Hikey	do	39.31 24.83
		P. H. Arrington	do	24.83
		W. N. George	do	22.76
		A. G. Allen		18.62
		Benjamin Andrews	do	43.45
		W. G. Edwards	do	43.45
		E. C. Whitley G. A. Hall	00	60.00 80.00
		J. A. Evans	0D	37, 24
		W. J. Stanfield.	do	43, 45
		J. C. Beck	do	49.31
		Seaman A. Knapp	do	239.00
	10	Irene Kinnebrew		71.61
	16	A. B. Kinnebrew		80.00
		J. W. Carson W. D. Bentley	do	57. 93 22. 76
		J. T. Harrison		31.03
		H. M. McCuistion	do	28.97
		G. T. Williams	do	12.41
		J. F. Bradley	do	12.41
		R. D. Watson		22.76
		B. P. Huitze		14, 48 51, 72
		E. H. Harman W. E. Keeble	do	24, 83
		Irene White	Traveling expenses	14.80
		Geo. A. Hall	do	20.95
	18	G. A. Garvey	do	8.30
		J. T. Harrison.	do	21.00

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5—PLANT INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 18	Yawman & Erbe Manufacturing Co The Albert Dickinson Co	Guides	\$9.6
21	H. N. Hoffer	Seed	990.0
22	H. N. Hoffer W. F. Procter W. H. Joyner	Services Traveling expenses Cotton seed	28. 9 16. 2 550. 0
	W. H. Joyner	Cotton seed	550.0
	do. Church & Stephenson W. G. Edwards		686.0 26.2 27.2
	W. G. Edwards	Lumber Traveling expenses	20. 2
	W. G. Edwards. James A. Evans. I. L. and C. J. Wolf T. O. Plunkett O. L. Wilson G. F. Miles. W. E. Keeble E. H. Harman A. B. Kinnebrew The Cargill Codo L. H. Davenport et al	do	18. 3
24	I. L. and C. J. Wolf.	Rent	34. (
25	O. L. Wilson	Salary	31.0
	G. F. Miles	Traveling expenses	26.9 92.6
26	W. E. Keeble	do	21 (
28	E. H. Harman	do	14. 3 14. 3 38. 9
29	The Caroill Co	Tottor hook ate	14.
23	do	Ink stands, etc.	4.3
31	L. H. Davenport et al	Salaries	4.3 252.7
	Total third quarter		5,637.0
Apr. 4	_		
Apr. 4	Irene Kinnebrew	do	102.2 60.0 10.3 81.8 109.8 82.4
	A. W. Edson Irene Kinnebrew Oswald Wilson George F. Miles Geo. W. Curtis do	Traveling expenses	10.
	George r. Miles	Salary	81.8
	Geo. W. Curtis	do	109.
	Seaman A Knann	dodo	955
	B. H. Mitchell	do	255. 100. 80. 80.
	Joe E. Wemple	do	80.
	Geo. A. Hall	do	80.
	A. B. Kinnebrew	do	80. 80.
	Gus. A. Garney	do	70.
	John C. Beck	do	70. 6 65. 6
	Jos. W. Carson	do	60.0
	P. H. Arrington	do	60. ( 60. ( 60. (
	William M. Bamberge	do	60.0
'	John W. Stiles	do	60.0 60.0 60.0
	Tom L. Peeler	do	60.0
	R. R. Clandge	do	60.
	Geo. W. Curtisdodo Seaman A. Knapp B. H. Mitchell Joe E. Wemple Geo. A. Hall A. B. Kinnebrew Stanley H. Watson. Gus. A. Garney John C. Beck Jos. W. Carson P. H. Arrington Willis G. Edwards William M. Bamberge John W. Stiles Tom L. Peeler R. R. Claridge J. F. Bradley Jos. E. Adger Jesse A. Palmer W. N. George Lea Beaty Tom O. Plunkett Wm. F. Procter James A. Evans Eva C. Whitley Mariana Crosby H. W. Joyee W. E. Keeble George T. Williams Edwin H. Harman	do	60. ( 60. (
	Jesse A. Palmer	do	60.
	W. N. George	do	60.
	Tom O Plunkett	do	60.
	Wm. F. Procter	do	60. 60.
	James A. Evans	do	60.
	Eva C. Whitley	do	60.
	H. W. Joyce	do	60. 60. 60.
	W. E. Keeble	do	60.
	We Reedle George T. Williams Edwin H. Harman Benjamin Andrews W. J. Stanfield	do	60.
	Edwin H. Harman	do	60.
	W I Stanfield	do	60
	Lee J. Berryman O. L. Wilson A. G. Allen	do	52.
	O. L. Wilson	do	40.
			52.1 40.0 1.1 28.0
	R D Watson	do	60
	Louise Decker	do	60. 28. 60.
	B. P. Hintze	do	60.
	d0. R. D. Watson. Louise Decker B. P. Hintze. J. L. Quicksall. H. M. McCuistion H. N. Hoffer J. T. Harrison W. D. Bentley. F. A. Hikey	do	60.0
	H. N. Hoffer	do	60. 60.
	J. T. Harrison	do	60.0
	W. D. Bentley	do	60.
6	F. A. Hikey	Traveling expenses	60.4 30.4
0	James L. Quicksall	do do	16.3
	F. A. Hikey R. D. Watson James L. Quicksall W. J. Spillman	do	118.
	W. Spillman Lea Beaty R. L. Bennett A. W. Edson Geo. F. Miles	do	118. 27. 111.
	R. L. Bennett	do	111.
	A W HIGSON	(10	34.

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5—PLANT INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			,
pr. 77	D. F. Houston	Traveling expenses	\$113.90
9	I. L. & C. J. Wolf	Rent.	48. 50 27. 75
	D. F. Houston Geo, W. Curtis I. L. & C. J. Wolf. Yawman & Erbe Manufacturing Co	Sections	45,00
11	The Cargill Codo	Cases, etc. Office suppliesdo Cotton seed.	105. 85 99. 73
		Office supplies	99.73 72.85
	J. E. Culpepper	Cotton seed	15,60
12	J. E. Culpepper T. W. Wood & Sons do	Peanuts, etc	15. 60 58. 50 23. 25
	do	Peanus, etcdo Beans Photo supplies Typewriter paper Card section, etc. Traveling expenses Peas and bags Seeds	23, 25
14	J. M. Thorburn & Co. Delano & Moore American Writing Machine Co. Yawman & Erbe Manufacturing Co.	Beans	1.14 19.26
14 18	American Writing Machine Co	Typewriter paper	19. 20
	Yawman & Erbe Manufacturing Co	Card section, etc.	29.00
	M. A. Crosby The Southwestern Seed Co Texas Seed and Floral Codo	Traveling expenses	61.95
19	The Southwestern Seed Co	Peas and bags	47. 16 29. 55 96. 27
	do	Potatoes etc	29. 55 96. 27
	do	Seeds	1. 15
	John D. Sullivan	do	1.50
	John D. Sullivan A. W. Short M. G. Smith	do	1.00
			2.00 2.00
	J. I. Scogni L. A. Stoney C. E. Smith Southwest Publishing Co	do	3,00
	C. E. Smith	do	1, 50 87, 60
	Southwest Publishing Co	Circulars, etc	87.60
	do	do	14.25 11.25
	H. R. Pinkerton	Seeds	. 60
,	do H. R. Pinkerton G. F. Park J. W. Potomey	do	.60 3.00
	J. W. Potomey	do	1.00
	B. D. Moss. H. B. Mitchell Longview Cotton Oil Co.	do	1.50 2.50 26.60
	Longview Cotton Oil Co.	Fertilizer	26, 60
	J. A. Shine.	Seeds	160.00
	do	do	1.50 29.15
	Armour Co.	Fertilizer	29. 15 1. 00
	Longview Cotton Oil Co. J. A. Shinedo Armour Co A. W. Allen W. H. Banks & Son Edward Bancroft J. L. Berry F. Barteldes & Co. F. R. Cumpings	do	1.50
	Edward Bancroft.	do	2,00
	J. L. Berry	do	2.00 3.20
	F. Barteldes & Co. F. B. Cummings	do	3.20 1.50
	J. J. Dearing	do	2.00
	J. G. Barbee	Salary	160.00
	W. N. George	Traveling expenses	11.75
	W. B. F. Lewis	Seed	1.10
	J. J. Dearing J. G. Barbee W. N. George W. B. F. Lewis R. D. Layton Golson Bros Georgia Experiment Station.	do	1.50 1.00
	Georgia Experiment Station	do	1.00
	Mark W. Johnson Seed Co	do	4.50
	Mark W. Johnson Seed Co. J. T. Hannah. B. W. Hawkins. H. C. Haralson. J. N. Hutchinson.	dodo	5.00
	H. C. Haralson	do	1.25 3.00
	J. N. Hutchinson	do	2.00
	B. B. Hardin A. W. Edson J. B. Warren S. V. Woodfin Wolfer Brog	do	3.00 72.75 1.50
	A. W. Edson	Expenses	1 50
	S. V. Woodfin	do	1 00
	Walter Bros	do	2. 25 2. 70 8. 77
	T. W. Wood & Sons	do	2.70
20	C A Vronn	Expanses	8.77 18.47
20	S. V. Woodfin. Walter Bros. T. W. Wood & Sonsdo. S. A. Knappdodododo	Traveling expenses	58.60
	dodododododododo.	do	61. 15 5. 22
	do	Expenses	5. 22
	do	do Traveling expenses Expenses do Traveling expenses	5, 91
	dododo	Expenses	20. 75 17. 16 17. 31
	do	do	17.31
	H. M. McCuistion	Traveling expenses	10.45
	C. L. Shear.	do	139.00 15.40
	J. E. Adger	dodo	54.05
	C. W. Warburton	do	49.20
	J. E. Wemple	do	35, 25
	do H. M. McCuistion C. L. Shear John C. Beek J. F. Adger C. W. Warburton J. E. Wemple W. D. Bentley R. D. Watson. Geo. T. Williams	do	34.10 19.40
	Geo. T. Williams	do	25.35

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5—PLANT INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total
1904.			
pr. 20	W. F. Proctor. J. A. Palmer. W. E. Keeble E. H. Harmon. Washington Southern Rwy. Co Oswald Wilson John W. Stiles Jas. A. Evans. W. M. Bamberge H. N. Hoffer Geo. W. Curtis W. A. Orton H. N. Hoffer S. A. Knapp.	Traveling expenses	\$31
P	J. A. Palmer	do	30
	W. E. Keeble	do	30 26 20
	E. H. Harmon	do	20
0.4	Washington Southern Rwy. Co	Passenger transportation	20
21	Oswald Wilson	Traveling expenses	25
	John W. Stiles	do	25 14 32
	Jas. A. Evans	do	55 55
	W.M. Damberge	do	16
	Gao W Curtis	do	48
27	W. A. Orton	do	48 31
	H. N. Hoffer	do	94
	S. A. Knapp.	Expenses	63 20 21
	J. F. Duggar	Traveling expenses	20
	A. B. Kinnebrew	do	21
	J. F. Bradley	do	21
	J. G. Barbee	do	31
	B. P. Hintze	do	74 21
	W. A. Orton H. N. Hoffer S. A. Knapp. J. F. Duggar A. B. Kinnebrew J. F. Bradley J. G. Barbee B. P. Hintze A. W. Edson	do	21
000	do	Expenses	33 46
28	J. F. Bradley L. C. Hill B. H. Mitchell	Salary	
	D. U. Hill	do	72 56
	D. H. MIRCHEIL	do	44
	B. P. Hintz G. A. Garvey A. W. Edson C. S. Heller	Traveling expenses do do do do	44 15 64
	A W Edgon	do	64
29	C S Holler	do	7
20	C. S. Heller  S. A. Knapp  L. H. Davenport et al.  W. N. George	Expenses	119
30	L. H. Davenport et al.	Salaries	331
ay 2	W. N. George	Salary	60
	do	Salary. Traveling expenses	11
	W. G. Edwards		33
	Willis G. Edwards	Salary	60
	John T. Harrison	Traveling expenses	58
	John T. Harrisondo	Salary	60
	S. A. Knapp	Salary Traveling expenses Salary Expenses	8
	do	Salary	24 60
	Mariana Crosby	do	60
	James L. Quicksall	do	60
	W. E. Keeple	00	, 60
	Stalley H. Watson	do	80
	Iosso A Polmer	do	60
	R R Claridge	do	60 60
	Eva C. Whitney	do	60
	H. W. Joyce	do	60
	John W. Stiles	do	60
	Lewis C. Hill	do	60
	P. H. Arrington	do	60
	dodododariana CrosbyJames L. QuicksallW. E. KeebleStanley H. WatsonIrene KinnebrewJesse A. PalmerR. ClaridgeEva C. WhitneyH. W. JoyceJohn W. StilesLewis C. HillP. H. ArringtonGeo. T. WilliamsF. A. HikeyTom O. PlumkettLee J. BerrymanTom Lamar PeelerGeo. W. CurtisEdwin H. HarmonLee W. Carson	do	60
	F. A. Hikey	do	60
	Tom O. Plumkett	do	60 60 60
	Lee J. Berryman	do	00
	Coo W Cuntin	do	206
	Edwin H. Harmon	do	206 60 60
	Jos. W. Carson	do	60
	J. E. Adger	dodo	60
	R. D. Watson	do	60
	W. D. Bentley	do	60 60 65 37
	John C. Beck	do	65
	William M. Bamberge	do	37
	do	do	30
	Henry N. Hoffer	do	30 37
	do	do	37
	Edwin H. Harmon Jos. W. Carson J. E. Adger R. D. Watson W. D. Bentley John C. Beck William M. Bambergedo Henry N: Hofferdo James A. Evans	do	40
	do	do	30 37 30
	Lea Beaty	do	20
	Lea Beatydo. Wm. F. Proctor.	do	30
	W.H. F. Froctor	do	30 40
	G F Miles	do	79
	foe F Wemple	do	90
	do G F Miles Joe E. Wemple A. B. Kinnebrew	do	80
	J. G. Barbee	do	80
	J. G. Barbee George A. Hall A. W. Edson Albert Goodwyn Allen	do	80 80 80
	A. W. Edson	do	98
			30

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5-PLANT INDUSTRY-Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
ay 2	J. E. Wemple	Traveling expenses	\$31.3
ay 2	Louise Decker	Salary	40.
3	Louise Decker Virginia-Carolina Chemical Co	Phosphates	600.
	Virginia-Carolina Chemical Co Armour & Co Union Oil Co B. H. Mitchell James L. Quicksall Lea Beaty S. H. Watson	Salary Phosphates Fertilizer Cotton-seed meal and drayage	238.0
	Union Oil Co	Cotton-seed meal and drayage	345.3 36.3
	B. H. Mitchell	Traveling expenses	36.8
	James L. Quicksall	do/	37 4
	Lea Beaty	00	48.6 64.9 47.0
	G. A. Hall	do	64.
4	R. L. Bennett	Salary	47.
4	In mos E Jones	Soods	164.
	James F. Jones Hutcherson-Elliott Drug Codo.	Seeds. Formaldehyde, etc	50.
	do	Chemicals	24.3 36.
	W. R. Boozer Emmett W. Bond	Cotton seed	2.
	Emmett W. Bond	do	1.
	R. W. Drake. Crescent City Stock Yard and Slaughter House Co. (Limited). F. M. Romychill	do	2.
	Crescent City Stock Yard and Slaughter	Ground bone	2. 37.
	House Co. (Limited).		
	F. M. Berryhill	Cotton seed	1.
	Lee W. Dance	do	2. 27.
6	1. L. & C. J. Wolf	Rent Cotton seed	27.
	E. K. Walter	Cotton seed	1.
	Virginia-Carolina Chemical Co	Bone.	22.
	F. W. Todd	Cotton seed	1.
	House Co. (Limited). F. M. Berryhill Lee W. Dance. I. L. & C. J. Wolf. E. R. Walter Virginia-Carolina Chemical Co. P. W. Todd P. P. Todd P. P. Tode The Terrill Cotton Oil Co. J. N. Stalling. Red River Cotton Co. Remington Typewriter Co. A. W. Reynolds. Merchants and Planters' Oil Co. B. F. Malabor S. E. Kelley. Houston Lighting and Power Co. The Cargill Co. Edward Read Lloyd. S. M. Tracy M. A. Crosby T. O. Plunkett Benjamin Andrews R. D. Watson Irene Kinnebrew. Benj. Andrews W. J. Stanfield John S. Jones B. P. Hintz. H. W. Joyce H. E. Singleton.	do. Cotton-seed meal.	3.
	I M Ctalling	Fortilizor	140.
	Red River Cotton Co	Guano	133.
	Remington Typewriter Co	Typewriter	13.
	A W Reynolds	Artichokes	90. 3.
	Merchants and Planters' Oil Co	Cotton-seed meal	13.
	B. F. Malahor	Cotton seed	1.
	S. E. Kellev	do	i'
	Houston Lighting and Power Co	Electric lights	1. 2.
	The Cargill Co.	Office supplies	19.
17	Edward Read Lloyd	Services	4.
	S. M. Tracy	do	164.
	M. A. Crosby	do	60.
11	T. O. Plunkett	Traveling expenses	43.
	Benjamin Andrews	do	81.
	R. D. Watson	do	20.
10	Irene Kinnebrew	do	7.
12	Benj. Andrews	Saiary	60.
	W. J. Standeld	Trovoling expenses	16.
	R P Hintz	do	46. 40.
	H W Loves	do	47.
	H. E. Singleton	do	28.
16	Houston Lighting and Power Co	Electric current	1.
10	M. A. Crosby	Traveling expenses	74.
	W. M. Bamberge	do	77.
	H. W. Joyce	do	34.
	C. W. Warburton	do	78.
	H. W. Joyce H. E. Singleton Houston Lighting and Power Co. M. A. Crosby W. M. Bamberge H. W. Joyce C. W. Warburton G. T. Williams Galveston, Harrisburg and San Antonio Rwy. Co.	do	5.
18	Galveston, Harrisburg and San Antonio	Passenger transportation	3.
	Rwy. Co. Seaboard Air Line Rwy. Southern Rwy. Co	3.	_
	Seaboard Air Line Kwy	00	8.
	Southern Kwy. Co	do	14.
	Atlantia Court Line P. P. Co	do	37.
	S A Knapp	Traveling expenses	14.
	Lea Reaty	do	61. 45.
	L. J. Berryman	do	37.
	Tom O. Plunkett	do	16.
	H. M. McCuision	do	9.
	A. B. Kinnebrew	do	19.
	E. H. Harman	do	. 90
	Jas. L. Quicksall	do	34. 46. 6.
19	S. A. Knapp	Expenses	46.
23	J. G. Barbee	Traveling expenses	6.
24	Jas. A. Evans	do	16.
	W. N. George	do	18.
	Wm. F. Procter	do	18.
	A. B. Kinnebrew E. H. Harman Jas. L. Quicksall S. A. Knapp J. G. Barbee Jas. A. Evans W. N. George Wm. F. Procter F. A. Hilley Delano & Moore A. W. Edson H. N. Hoffer	do	18.
	Delano & Moore	Photo supplies	98.
25			54.

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5—PLANT INDUSTRY—Continued.

9.	Name.	Nature of payment.
26	C. H. Billingsley. T. J. Baxter W. E. Keeble L. H. Davenport et al Louise Decker. Albert G. Allen S. A. Knapp. Wm. M. Bamberge Lea Beaty R. D. Watson. Henry N. Hoffer. G. A. Hall Wm. F. Procter Joe E. Wemple Stanley H. Watson A. B. Kinnebrew Jas. A. Evans George W. Curtis J. C. Beck Eva C. Whitley Jos. W. Carson Benjamin Andrews Tom L. Peeler. Edwin H. Harman Jesse A. Palmer W. E. Keeble Mariana Crosby. Irene Kinnebrew Lewis C. Hill F. A. Hilley W. D. Bentley R. R. Claridge James L. Quicksall L. J. Berryman Geo, T. Williams H. H. Hubbard	Labor
	T. J. Baxter	do
27	W. E. Keeble	Traveling expenses
31 2	L. H. Davenport et al	Salaries
2	Louise Decker	Salary
	Albert G. Allen	do
	S. A. Knapp.	00
	Lee Reety	dodo
	R D Watson	do
	Henry N. Hoffer	do
	G. A. Hall	do
Ш	Wm. F. Procter	do
И	Joe E. Wemple	do
N	Stanley H. Watson	do
7	A. B. Kinnebrew	do
	Jas. A. Evans	do
8	George W. Curus	00
4	Fra C. Whitler	do
0	Tog W Corgon	do
	Reniamin Andrews	do
	Tom Le Peeler	do
	Edwin H. Harman	do
	Jesse A. Palmer	do
	W. E. Keeble	do
	Mariana Crosby	do
	Irene Kinnebrew	do
	Lewis C. Hill	do
	F. A. Hilley	do
	P. P. Claridge	do
	In the Claringe.	do
	L. J. Berryman	do
	Geo. T. Williams.	do
3	H. H. Hubbard	Seeds.
	W. S. Duncan	do
	Southwest Publishing Co	Circulars, etc.
	Geo. T. Williams H. H. Hubbard W. S. Duncan. Southwest Publishing Co. D. Frank Parker. N. L. Willett Drug Co. Virginia-Carolina Chemical Co. I. L. & C. J. Wolf. Delano & Moore	Ribbons
	N. L. Willett Drug Co	Seeds Fertilizer
	Virginia-Carolina Chemical Co	Fertilizer
	I. L. & C. J. Wolf	Rent. Photo supplies Sacks, etc. Salary
3	1 0 11 0	2 3
	Merchants and Planters' Oil Co C. W. Warburton. Edward Read Lloyd M. A. Crosby Tom Frazier G. F. Miles do J. E. Adger B. H. Mitchell W. D. Bentley J. C. Beek L. J. Berryman Wm. M. Bamberge J. F. Bradley A. W. Edson do J. F. Duggar S. A. Knapp B. T. Bennett	Salary
3	Edward Read Lloyd	do
	M. A. Crosby	do
	Tom Frazier	Traveling expenses
	G. F. Miles	do
	do	Salary
	J. E. Adger	Traveling expenses
	B. H. Mitchell	do
	W. D. Bentley	do
	J. C. Beek	do
	L. J. Berryman	do
	Will. M. Bamberge	do
	A W Edeon	Expenses
	do	Salary
ı	J. F. Duggar	do
1	R. T. Bennett W. J. Duffel Geo. W. Curtis do	Expenses
	R. T. Bennett	Salary
	W. J. Duffel	do
5	Geo. W. Curtis	Traveling expenses
	do	do
	do	do
	do. do. do. A. B. Kinnebrew J. A. Evans Geo. T. Williams F. A. Hillev Edwin H. Harman S. M. Tracy The Cargill Co. Caroleigh Phosphate and Fertilizer Works T. B. Aughtry & Co. C. H. Billingsley do. do. Lorick & Lawrance	do
	J. A. Evans	do
	Geo. T. Williams	do
	F. A. Hilley	do
,	Edwin H. Harman	Solowy
7	D. M. Tacy	Office cumplies
)	Caroloigh Phosphata and Fartilizar Works	Fortilizer
	T. P. Aughtry & Co.	do
	C H Billingsley	Planting cotton
	C. H. Dimingsley	Ot less st
	do	

## $\label{lem:expenditures} \textit{Expenditures of the Department of Agriculture for fiscal year ending June~30, 1904} - \text{Cont'd}.$

COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5-PLANT INDUSTRY-Continued.

Da	ate.	Name.	Nature of payment.	Total.
10	04.			
Jun		Mark W. Johnson Seed Co. Houston Lighting and Power Co. Remington Typewriter Co. J. Pastoriza Co. Southwest Publishing Co. Repsdorph Tent and Awning Co. Western Union Telegraph Co. S. A. Knapp.	Seeds	\$40.50
		Houston Lighting and Power Co	Electric current	1.00 92.25
		J. J. Pastoriza Co.	Typewriter Blanks, etc	15. 50
		Southwest Publishing Co	Circulars	11.00
		Repsdorph Tent and Awning Co	A wnings.	19.50
	21	S. A. Knapp	Awnings Telegraph service Traveling expenses	19.50 20.70 62.80
		do	Expenses	17.54
		R. L. Bennett	do	46.90 14.85
		E. R. Lloyd	Traveling expenses	20.05
		J. C. Beck	do	5.80
	22	C. W. Warburton	do	37. 20 82. 05
		Jno. T. Harrison	do:	48.30
		F. J. Tyler	do	13.65
		A. W. Edson	Traveling expenses	14.00 61.10
		Jas. L. Quicksall	do.	35.25
	23	S. A. Knappdo. R. L. Bennettdo. R. L. Isennettdo. J. C. Beck. J. S. Kerr. C. W. Warburton. Jno. T. Harrison. F. J. Tyler A. W. Edsondo. Jas. L. Quicksall. Lea Beaty. Geo. W. Curtis. W. M. Bamberge.	do	38.30
		W M Rambarga	do	86.50 51.05
		H. E. Singleton	do	21.50
	07	W. M. Bamberge H. E. Singleton R. D. Watson M. A. Crosby	do	53.55
	27	M. A. Crosby	do	84.03 12.25
	29	W. J. Duffel De Kalb Lumber Co L. H. Davenport et al	Stakes, etc.	20.73
	30	L. H. Davenport et al	Salaries	560.20
		Total fourth quarter		21,679.03
July	v 2	E. R. Lloyd	Salary	10.00
our	, 2	H. N. Hoffer	do	75.00
		H. N. Hoffer Lea Beaty	do	75.00
		S. A. Knapp G. W. Curtis	do	247. 25 206. 00
	٠,	V. C. Beck W. M. Bamberge R. D. Watson	do	65.00
		W. M. Bamberge	do	75.00
				75.00 80.00
		G. A. Hall J. E. Wemple W. F. Procter	do	80.00
		J. E. Wemple	do	80.00 80.00
		Jas A Evans	do	80.00
		Jas. A. Evans S. H. Watson	do	26.67
		do. E. H. Harman G. T. Williams	do	26.66
		G T Williams	dodo	60.00 60.00
				60.00
		J. L. Quicksall	do	60.00
		W D Rentley	do	60.00 60.00
		J. L. Quicksall Irene Kinnebrew W. D. Bentley J. W. Carson W. E. Keeble	do	2.00
		W. E. Keeble	do	60.00
		F. A. Heilley L. C. Hill Eva C. Whitley	00	60.00 60.00
		Eva C. Whitley	do	60.00
				60.00
		Mariana Crosby	do	60.00 60.00
		Mariana Crosby T. L. Peeler J. A. Palmer	do	60.00
		L. J. Berryman	do	60.00
		Louise Decker	do	40.00 98.90
		C. H. Billingsley.	do	98.90 80.00
		A. W. Edson C. H. Billingsley M. A. Crosby W. E. Keeble G. A. Hall J. E. Wemple W. D. Bentley L. C. Corbett	do	69. 20
	5 6	W. E. Keeble	Traveling expenses	11. 35 65. 40
	U	J. E. Wemple	do	72.05
	_	W. D. Bentley	do	72.05 27.80
	9 11	L. C. Corbett	Solory	60.41 164.80
	11	W. J. Spillman	Traveling expenses	104.00
		S. M. Tracy	do	34.11
	14	W. D. Benney L. C. Corbett S. M. Tracy W. J. Spillman S. M. Tracy G. F. Miles R. L. Bennett S. M. Bain	Services	79. 10 164. 80
		S. M. Bain	do	100.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5—PLANT INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
uly 14	S. M. Bain	Traveling expenses	\$46.
	L. J. Berryman	do	59.
	R C Commander	Cotton sood	29. 3.
15	W. F. Procter R. C. Commander Benj. Andrewsdodocov W. Cyrtis	Traveling expenses.	32.
	do	do	60.
	do. Geo. W. Curtis. Chas. S. Heller W. F. Procter S. H. Watson C. W. Warburtondo. S. M. Traey W. M. Bamberge J. F. Duggar	do	55.
	W. F. Proeter	do	24. 39.
	S. H. Watson	do	96.
	C. W. Warburton	do	78.
	S M Troop	Services	74. 13.
18	W. M. Bamberge	Traveling expenses	92.
	J. F. Duggar	do.	10.
	do	do	4.
	A. W. Edson	do	78.
	E. H. Harmon	do	78. 42.
	H. N. Hoffer.	do	41.
	W. M. Bamberge J. F. Duggar do A. W. Edson E. H. Edson E. H. Harmon H. N. Hoffer S. A. Knapp	do	41. 37.
	W E Keeble	Traveling expenses	24.
	dodo	do.	23. 119.
	Geo. T. Williams	do	34.
19	Bausch & Lomb Optical Co	Cabinet	17.
	The Cargill Co	Books, etc. Electric fan Traveling expenses	11.
23	Lea Beaty	Traveling expenses	14. 46.
20	Lea Beaty W. D. Bentley L. J. Berryman M. A. Crosby G. A. Hall F. A. Hilley A. B. Kinnebrew J. A. Palmer L. J. Quicksall W. J. Spillman R. D. Watson S. H. Watson J. E. Wemple Southern Rwy. Co do do do	do	27.
	L. J. Berryman	do	39. 130.
	M. A. Crosby	do	130.
	F. A. Hilley	do	57. 37.
	A. B. Kinnebrew.	do	20.
	J. A. Palmer	do	47.
	L. J. Quicksall	do	27.
	W. J. Spillman	Expenses.	126. 50.
	S. H. Watson	do	3.
	J. E. Wemple	do	41.
	Southern Rwy. Co	Passenger transportation	74. 37.
	do	do	37. 12.
	do	do	7.
	do	do	92.
	Washington-Southern Rwy. Co	do	20.
	do	Freight	22. 9.
26 30	dododoWashington-Southern Rwy. CodododoJ. A. Evans.Galveston, Harrisburg and San Antonio Rwy. Codo	Traveling expenses.	17.
30	Galveston, Harrisburg and San Antonio	Passenger transportation	4.
	Rwy. Co.	a	10
	Missouri Kaneae and Toyae Rwy Co	do	18. 6.
	do	do	8.
	Louisville and Nashville R. R. Co	do	27.
	Rwy. Codo.	do	9.
	Houston and Texas Central R R Co	do	3. 4.
	Atlantie Coast Line R. R. Co.	do	30.
	New Orleans and Northeastern R. R. Co	do	12.
	Morgan's Louisiana and Texas R. R. and	do	10.
	S. S. Co. Georgia Southern and Florida Rwy	do	12.
	Gulf, Colorado and Santa Fe Rwy. Co.	do	6.
	Gulf and Ship Island R. R. Co	do	3.
	San Antonio and Aransas Pass Rwy. Co	do	4. 9.
	Georgia Southern and Florida Rwy. Gulf, Colorado and Santa Fe Rwy. Co Gulf and Ship Island R. R. Co. San Antonio and Aransas Pass Rwy. Co. Seaboard Air Line Rwy. Norfolk and Washington, D. C., S. B. Co. Texas and New Orleans R. R. Co. L. H. Davenport. S. A. Knapp. G. W. Curtis. H. E. Singleton. Mrs. Mariana Crosby. Jas. A. Evans. G. A. Hall. A. B. Kinnebrew. W. F. Procter.	do	9. 3.
	Texas and New Orleans R. R. Co.	Freight	125.
	L. H. Davenport	Salaries	765.
ug. 1	S. A. Knapp	Services	250.
	G. W. Curtis.	00	208. 136.
	Mrs. Mariana Crosby.	do	80.
	Jas. A. Evans.	do	80.
	G. A. Hall	do	80. 80.

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5—PLANT INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1904.	J. E. Wemple. W. M. Bamberge. Lea Beaty. H. N. Hoffer. Irene Kinnebrew. R. D. Watson. Irene White. E. C. Whitley. J. C. Beek. L. J. Berryman. W. D. Bentley. Louise Decker. E. H. Harman. F. A. Hilley. N. E. Keeble. J. A. Palmer. G. T. Williams. J. L. Quicksall.		
lug. 1	J. E Wemple	Services	\$80.00
	W. M. Bamberge	do	75.00 75.00
	H. N. Hoffer	do	75.00
	Irene Kinnebrew	do	75.00
	R. D. Watson	do	75.00
	Irene White	do	75.00 75.00
	J. C. Beck	do	65.00
	L. J. Berryman	do	60.00
	W. D. Bentley	do	60.00
	Louise Decker.	do	60.00 60.00
	F. A. Hilley	do	60.00
	N. E. Keeble	do	60.00
	J. A. Palmer	do	60.00
	G. T. Williams	do	60.00 60.00
	S. H. Watson	do	40.00
	R. R. Claridge	do	30.00
	Lewis C. Hill	do	30.00
	N. E. Keeble. J. A. Palmer G. T. Williams J. L. Quicksall S. H. Watson R. R. Claridge Lewis C. Hill T. L. Peeler W. J. Spillman R. L. Bennett H. P. Jones Benj. Andrews S. U. Bain M. A. Crosby J. F. Duggardo A. W. Edson N. W. Gilbert E. R. Lloyddo G. F. Miles C. W. Warburton S. M. Tracy C. H. Billingsley Jno. C. Parker Clifford Morse Lea Beaty J. C. Beekdo M. A. Crosby G. A. Hall N. E. Keeble G. T. Williams W. M. Bamberge W. D. Bentley E. H. Harman W. T. Procter J. L. Quicksall J. W. Edson S. A. Knapp R. S. Bennettdo J. S. Davis C. H. Ballingsley J. W. Edsondo S. A. Knapp R. S. Bennettdo J. S. Davis C. H. Ballingsley G. C. H. Ballingsley G. A. W. Edsondo J. S. Davis C. H. Ballingsley G. W. Curtis R. D. Watson Geo. F. Miles C. W. Warburton B. C. W. Warburton J. S. Davis C. H. Ballingsley G. W. Curtis R. D. Watson Geo. F. Miles C. W. Warburton Britt & Johnson	Traveling expenses	30.00
	R. L. Bennett.	dodo	41.63 42.85
	H. P. Jones	do	1.50
2	Benj. Andrews.	Services	60.00
	S. U. Bam.	do	200.00 70.00
	I F Duggar	do	25.00
	do	dodo	25.00
	A. W. Edson	do	100.00 34.00
	N. W. Gilbert	do	10.00
	do	Traveling expenses	12.75
	G. F. Miles	Services	12.75 80.00
	C. W. Warburton	do	75.00
4	S. M. Tracy	do	166.66
4	Ino C Parker	Freere	80.00
9	Clifford Morse.	Services	3.15 40.00
10	Lea Beaty	Traveling expenses	33.00
	J. C. Beck	do	8.25 29.50
	M. A. Croshy	do	87.61
	G. A. Hall	do.	13.00
	N. E. Keeble	do	37.60
11	G. T. Williams.	do	24.00 76.00
11	W. M. Damberge	dodo	32.75
	E. H. Harman	do	39.50
	W. T. Proeter	do	52. 10 13. 75
	J. L. Quicksall	do	13.75 9.50
16	J. W. Stiles.	do	130.95
10	do	Expenses	41.85
	S. A. Knapp	do	41.85 14.35
	R. S. Bennett.	do	6.00
	I S Davie	Services	166.66 80.00
	C. H. Ballingsley	Traveling expenses	20.46
	G. W. Curtis	do	89.85
	R. D. Watson	do	43.50
	C W Warburton	do	108.73 99.44
	Geo. F. Miles C. W. Warburton Britt & Johnson Fulton Bag and Cotton Mills	Fertilizer	28.45
	Fulton Bag and Cotton Mills	Cotton hage	7.36 26.95
17	J. A. Evans. H. N. Hoffer. A. B. Kinnebrew.	Cotton bags Traveling expenses do	26.95
	H. N. Hoffer.	do	41.40 17.75
	L. Bramm	Photo truck	. 50
	The Cargill Co.	Photo truck Copying books Cotton seed	8.70 3.38
	J. E. Culpepper	Cotton seed	3.38
	J. F. Duggar	Dibbons	2.52
	C. Weichsel Co	Ribbons	5.00 21.16
	J. L. & C. J. Wolf	Rent, June	27.75
	A. B. Kinnebrew L. Bramm The Cargill Co. J. E. Culpepper J. F. Duggar Remington Typewriter Co. C. Weichsel Co. J. L. & C. J. Wolfdo.	Chemicals Rent, June Rent, July	27.75 27.75
18	Folmer & Schwing Manufacturing Co. Farmers' Alliance Cooperative Association .	Camera Phosphate	80.00
	Farmers Amance Cooperative Association	Phosphate	9.90

 $Expenditures\ of\ the\ Department\ of\ Agriculture\ for\ fiscal\ year\ ending\ June\ 30,\ 1904-{\rm Cont'd}\ .$ 

COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5-PLANT INDUSTRY-Continued.

Date.	Name.	Nature of payment.	Total
1904.			
ug. 18	Harvey Seed Co	Cotton seed	\$10
	H. G. Hastings & Co. Houston Lighting and Power Co	do	1
	Houston Lighting and Power Co	Current	1
	do. Marx Schaeffer. Paragon Printing Co.	Cultivating cotton	1
	Marx Schaeher  Peregon Printing Co	Cards	50 20
	W E Porter	Cards. Cotton seed. Printing. Beakers, etc.	10
	W. E. Porter J. J. Pastoriza Printing and Lithograph Co. Bausch & Lomb Chemical Co.	Printing.	52
	Bausch & Lomb Chemical Co.	Beakers, etc.	52 39 5
	J. L. Willet Drug Co. J. E. Wemple S. A. Knapp. D. A. Saunders.	Seed	5
22	J. E. Wemple	Traveling expenses	20
	S. A. Knapp	do	48
25	D. A. Saunders	do	21
	R. L. Dennett	Expenses	19
	dodo.		32 66
	do	do	66 27
26	dodo. Western Union Telegraph Co	Service	8
	do	do	3
27	B. H. Berry	Guano, etc	200 109
	do B. H. Berry Bausch & Lomb Optical Cododo	Guano, etc. Microscope, etc.	109
	do	Cylinder, etc.	45
	Marks & Gayle do Wm. Krafft	Sodado. Cover glasses	10
00	Wm Vnofft	Correr cleases	20 5
29	W. Silas Sheetz	Campra ate	44
	do.		6
		Kodak, etc	39
	do Fred A. Schmidt. Texas Agricultural Experiment Station L. H. Davenport et al. Lewis C. Hill S. A. Knapp Irene Kinnebrew W. E. Keeble A. B. Kinnebrew Clifford Morse W. F. Procter	Compass, etc.	25
	Texas Agricultural Experiment Station	Expressage, etc	45
31	L. H. Davenport et al.	Salaries	499
ept. 1	Lewis C. Hill.	Salary	30
	S. A. Knapp	do	250
	W. F. Vooble		75 60
	A R Kinnehrow	do	80
	Clifford Morse	do	40
	W. F. Procter	do	80
	Tom L. Peeler	do	30
	J. A. Palmer.	do	60
	J. L. Quicksall	do	60
	D. A. Saunders	do	125
	Eva C. Whitley	do	75 80
	J. E. Wemple		40
	Clifford Morse W. F. Procter. Tom L. Peeler J. A. Palmer J. L. Quicksall D. A. Saunders. Eva C. Whitley J. E. Wemple S. H. Watson Irene White Geo. T. Williams Benj. Andrews L. C. Rock	do	7.5
	Irene White	do	75 75 60
	Geo. T. Williams	do	60
	Benj. Andrews	do	60
	Benj. Andrews J. C. Beck Wm. M. Bamberg Lee J. Berryman W. D. Bentley Lea Beaty R. L. Bennett Saml. M. Bain R. R. Claridge G. W. Curtis Mariana Crosby Louise Decker Jas. A. Evans	do	68
	Wm. M. Bamberg	do	75
	Lee J. Berryman	do	60
	W. D. Bentley	do	60
	P. F. Bonnott	do	166
	Saml M Bain	do	75 166 200
	R. R. Claridge	do.	30
	G. W. Curtis	do	30 208 80
	Mariana Crosby	do	80
	Louise Decker	do	60
	Jas. A. Evans	do	80
	E. H. Harman	do	60 60
	Jas. A. Evans E. H. Harman F. A. Hilley H. N. Hoffer		75
	C A Holl	do	80
2	I. I. & C. I. Wolf	Rent	78 80 27
6	M. A. Crosby	Salary	70
· ·	H. N. Hoffer G. A. Hall. I. L. & C. J. Wolf. M. A. Crosby D. N. Shoemaker.	do	123 100 10
	A. W. Edson	. do	100
	A. W. Edson E. R. Lloyd C. W. Warburton W. W. Gilbert Geo. F. Miles	do	10
	C. W. Warburton	do	75
	W. W. Gilbert	do	60
_	Geo. F. Miles	Traveling expenses	26
7	K. L. Bennett	do Traveling expenses Salary	166
10	Geo. F. Miles R. L. Bennett S. M. Tracy C. H. Billingsley The Fred Macey Co. (Limited) A. W. Edsondo	do	80
	The Fred Mason Co (Limited)	Section Traveling expenses	178
13			

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. COTTON BOLL WEEVIL INVESTIGATIONS, 1904-5—PLANT INDUSTRY—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
pt. 15	D. N. Shoemaker do. W. D. Bentley Jas. L. Quicksall R. D. Watson. W. M. Bamberg W. W. Gilbert C. W. Warburton M. A. Croshy	Traveling expenses	\$7.8 87.8
	do	do	87.8 15.1
	W. D. Bentley	do	19. 1
	R. D. Watson	do	58.4
	W. M. Bamberg	do	96. 8
16	W. W. Gilbert	do	69. 8
17	C. W. Warburton	do	87.1
	M. A. Crosby Geo. T. Williams	do	80.0
	Geo. T. Williams	do	27.3 47.4 27.3
	W. F. Procter E. H. Harman	do	97
	Beni Andrews	do	32.
	Benj. Andrews. Texas Seed and Floral Co. Vicksburg, Shreveport and Pacific Rwy. Co. The Texas and Pacific Rwy. Co. Atlantic Coast Line R. R. Co.	Seeds.	15.
19	Vicksburg, Shreveport and Pacific Rwy, Co.	Transportation	151.
	The Texas and Pacific Rwy. Co	Passenger transportation	28.
	Atlantic Coast Line R. R. Co	do	21.
	do. The Texas Pacific Rwy. Co. The Pullman Co. do.	do	6.
	The Texas Pacific Rwy. Co	do	12.
	The Fullman Co	do	2. 6.
	do	do	5.
	Southern Rwy. Co.	do	11.
	do. Missouri, Kansas and Texas Rwy. Co. do. do. do. do.	do	20.
	The Texas and Pacific Rwy, Co.	do	3.
	do	do	33.
	Missouri, Kansas and Texas Rwy. Co	do	19.
	do	do	14.
	dodododoInternational and Great Northern R. R. CoIllinois Central R. R. CoHunois Central R. R. CoFlorida East Coast Rwy. CoFlorida East Coast Rwy. CoLouisville and Nashville R. R. CoGeorgia R. R. Co	do	3,
	International and Great Northern R. R. Co	do	3.
	Houston Fast and West Towns Dawy Co	00	8. 9.
	Florida Fast Coast Rwy Co	do	9.
	Louisville and Nashville R R Co	do	10.
	Georgia R. R. Co.	do	5.
	Houston and Texas Central R. R. Co. New Orleans and Northeastern R. R. Co	do	3.
,	New Orleans and Northeastern R. R. Co	do	4.
	Louisville and Nachville R R Co	do	16.
	do	do	3. 7.
	do	0D	4.
	Texas Central R R Co	do	4.
20	H. N. Hoffer	do	63.
	H. N. Hoffer W. E. Keeble	do	22.
	L. J. Berryman	do	41.
	J. E. Wemple	do	29.
00	E. B. Boykin	do	26.
22	G. A. Hall.		52.
	F. A. Hilley. T. J. Baxter	Cultivating cotton	41. 30.
			20.
	J. A. Evans. Southern Rwy. Co. Atlantic Coast Line R. R. Co. T. W. Wood & Son. Paris Wholesale Drug Co.	Traveling expenses	20.
24	Southern Rwy. Co.	Passenger transportation	31. 22.
	Atlantic Coast Line R. R. Co	do	22.
	T. W. Wood & Son.	Seeds	2.
	Paris Wholesale Drug Co	Copper sulphate	23.
	Union Envelope Co. L. J. Berryman	Envelopes	48.
	W A Orton	Traveling expenses	43. 155.
	C. H. Billingsley	do	76.
26	W. A. Orton C. H. Billingsley Mackall Bros	Chemicals	12.
	E. Morrison Paper Co	Bags	23.
	W. Silas Sheetz	Lens, etc	61.
	do	Camaras ata	999
28	G. F. Miles	Traveling expenses	118.
20	G. F. Miles G. W. Curtis L. H. Davenport et al	do	118. 81. 372.
30	L. H. Davenport et al	Salaries	372.
	Total first quarter, 1905		19, 554.
	TOTAL HIST QUALTET, 1900		10,004

### RECAPITULATION.

Total third quarter, 1904 Total fourth quarter, 1904 Total first quarter, 1905	\$5,637.01 21,679.03
Total	

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. SPECIAL AGENTS.

Date.	Name.	Nature of payment.	Total.
1904. Mar. 8	O. F. Cook. S. A. Knapp. Total.		\$1,800.00 1,000.00 2,800.00

### COTTON BOLL WEEVIL INVESTIGATIONS—RESERVE FUND, 1904-5.

1904.			
ly 2	J. S. Kerr	Salary	\$6
-3 -	J. S. Kerr Tom Frazier	do	9
	W. J. Duffel do J. B. Garrett	do	10
5	do	Traveling expenses	
9	J. B. Garrett	Salary	2
	fi. A. Morgan		10
	S. E. McClendon	do	15
	A. W. Buckner	do	2
11	W. J. Duffel.	Traveling expenses	6
14	A W Buckner	Services	5
	J. B. Garrett	do	5
15	J. B. Garrett do E. S. Hardy	Traveling expenses	4
	E. S. Hardy	do	4
			4
18	S. E. McClendon E. S. Hardy	do	9
20	E. S. Hardy	Services	5
	do	do	2
			2
	do	do	5
	H. A. Morgan	Traveling expenses	2
23	H. A. Morgan A. W. Buckner H. A. Morgandodododo A. W. Dovien.	do	4
0.0	H. A. Morgan	Expenses	1
26	do		15
ıg. 8	R. C. Howell	Services	5
10	A. W. Duckher		5
	J. B. Garrett	do	5
	H. A. Morgan S. E. McClendon	do	10
	S. E. McClendon	do	10
	E. S. Haray	00	5 4
11	E. S. Hardy A. W. Buckner J. B. Garrett	Traveling expenses	4
	J. B. Garrett		4 9
7.0	S. E. McClendon E. S. Hardy	do	5
16	E. S. Hardy	do	5
	R. C. Howell	00	8
4.7	H. A. Morgan The Dallas Morning News.	00	ð
17	The Dallas Morning News	Subscription	1
10	Geo. F. Muth & Co. Express Publishing Co.	Shades and packing	1
18	Lapress Publishing Co	Subscription	
25	Houston Printing Co	Expenses	19
20	H. A. Morgan J. S. Davis	Travaling avpanges	4
31	F. L. Lewton	Traveling expenses	16
91	G. P. Goll	do	16
n+ 10	S. E. McClendon		10
pt. 10	R. C. Howell	do	5
	dodo		5
	E. S. Hardy	Salary	5
	do	Traveling expenses	4
	A W Duckney	Colomy	5
	do. H. A. Morgan C. W. Flynn A. T. Felt	Traveling eynenses	5
	H A Morgan	Salary	10
	C W Flynn	do	2
	A T Felt	do	ĩ
12	Inline B Garrett	do	5
15	Julius B. Garrettdo.	Traveling expenses	3
10	S. E. McClendon	do	9
	H. A. Morgan	do	14
	do	Expenses	- 26
19	Southern Rwy, Co	Passenger transportation	2
10	Southern Rwy. Co. New York, Texas and Mexican Rwy. Co Morgan's Louisiana and Texas R. R. and	dodo	1
	Morgan's Louisiana and Texas R. P. and	.do	î
	8 8 60	The state of the s	
	do	do	1
20	. do. A. T. Felt C. W. Flynn	Traveling expenses	3
20	C. W. Flynn	do	Ē
	C. III AM	_	
			4,02

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Date.	Name.	Nature of payment.	Total.
1903.			
ly 8	Rufus B. Merchant C. H. Herty et al Fred W. Besley Jacob C. Blumer John S. Guthrie. Wm. B. Howard Gerard B. Lull. Titus G. Phillips Harold B. Eastman J. Fred. Baker J. P. Wentling. Clayton D. Mell.	Map.	\$3.20 5,003.75
ig. 1	Fred W Regley	Service	40.40
1g. 1	Jacob C. Blumer	do	40, 40
	John S. Guthrie	do	40.40
	Wm. B. Howard	do	40.40
	Gerard B. Lull	do	40. 40
	Harold P. Fastman	dodo	40. 40 40. 40
	J. Fred. Baker	do	40. 40
	J. P. Wentling	do	40.40
	Clayton D. Mell	do	40.40
	J. P. Wentling. Clayton D. Mell. Robt. R. Reynolds M. A. Benedict Herbert A. Paul. Herbert O. Stabler E. R. Hodson Jas. M. Fetherolf J. S. Holmes. Blaine S. Viles	do	40.40
	M. A. Benedict	do	40. 40 40. 40
	Herbert O Stabler	do	40.40
	E. R. Hodson	do	40.40
	Jas. M. Fetherolf.	do	40.40
	J. S. Holmes	do	40.40
	Blaine S. Viles	do	40.40
	Ino Appleton	do	40.40
	Alpheus O. Waha	do	40. 40 40. 40
	A. C. Ringland	do	40.40
	Wm. W. Cheever.	do	40.40
	S. P. Woolfolk.	do	40. 40 50. 50
	Zing I Plies	do	50. 50
	Theo F Roret	do	50. 50
	C. O. Sparks	do	50.50
	Wm. H. Mast	do	50. 50 50. 50 50. 50
	C. A. McCue	do	50. 50
	Jos. Santucci	do	50. 50 50. 50
	Harry F Rurko	do	50.50
	Geo. E. Tower	.do	50. 50
	Jno. H. Hatton	do	50.50
	Frank Klarpp	do	50.50
	Wallace I. Hutchinson	OD:	60.60
	Hugh P Rakar	do	60. 60 60. 60
	Chas. A. Scott	do	60.60
	E. S. Moore	do	60.60
	M. C. Jensen	do	60.60
	Jno. W. Kiggs.	do	60. 60 60. 60
	Louis C Willar	do	60.60
	H. M. Sutter	do	75. 80 75. 80 75. 80 75. 80
	Frank A. Clarke.	do	75.80
	Raphael A. Zon	do	75.80
	Reynolds Hill	do	75. 80 75. 80
	Goo Forley	do	75. 80
	W. H. B. Kent	do	75. 80
	Rollin G. Giffin	do	75.80
	Harrold B. Kempton	do	72.83
	E. R. Hodson Jas. M. Fetherolf J. S. Holmes Blaine S. Viles Ferris R. Miller Jno. Appleton Alpheus O. Waha A. C. Ringland Wm. W. Cheever S. P. Woolfolk David G. Kinney Zina L. Bliss Theo. F. Borst C. O. Sparks Wm. H. Mast C. A. McCue Jos. Santucei Geo. Griswold Harry E. Burke Geo. E. Tower Jno. H. Hatton Frank Klarpp Wallace I. Hutchinson Anson E. Cohoon Hugh P. Baker Chas. A. Scott E. S. Moore M. C. Jensen Jno. W. Riggs Royal S. Kellogg Louis C. Miller H. M. Sutter Frank A. Clarke Raphael A. Zon Reynolds Hill Smith Riley Geo. Farley W. H. B. Kent Rollin G. Giffin Harrold B. Kempton Jno. B. Rent Rollin G. Giffin Harrold B. Kempton Samil, N. Springs Austin F. Hawes Albert H. Cooper Wm. D. Sterrett J. G. Peters Theo. S. Woolsey, jr Elers Koch	do	75. 80 75. 80 75. 80 72. 83 72. 83 72. 83 72. 83 72. 83 72. 83
	Austin F Hawas	do	72.00
	Albert H. Cooper	do	72.83
	Wm. D. Sterrett	do	72.83
	Theo. S. Woolsey, jr. Elers Koch Will L. Porterfield Joseph A. Fitzwater	do	72.83
	Theo. S. Woolsey, jr	do	72. 83 72. 83
	Will I. Porterfield	do	32.61
	Joseph A. Fitzwater	do	32, 61
	Jas. E. Gow. Burton E. Babcock Burtis J. Teasdale Jno. M. Keeler, jr	do	32.61
	Burton E. Babcock	do	32.61
	Burus J. Teasdale	do	32. 61 32. 61
	Walter I Morrill	do	32, 61
3	E. R. Secrist	do	32.61
	H. O. Tunis	do	32. 61 32. 61
	Albert F. Potter	do	151.60
,	W. A. Langille	do	151.60
	Malter J. Morrill E. R. Secrist H. O. Tunis Albert F. Potter W. A. Langille Edward T. Allen Loren E. Hunt H. D. Langille	dodo	151.60 168.50 168.50
	H. D. Langille	do	168, 50

Date.	Name. Natur	re of payment.	Total.
1903.			
ug. 3	Thos. H. Sherrard Service Herman von Schrenk do		\$168.
U	Herman von Schrenk		210
	Eugene S. Brucedodo.		210.
	Herman von schrenk		210. 84. 84.
	H. K. Porterdo		84.
	Roy L. Marstondo		84.
	Theo. P. Lukinsdo		84.
	W Cardner		84. 67.
	Frank G Miller		67.
	R R Wilson		67.
	Harold S. Betts do		101
	Geo. E. Clement do		101. 101.
	Chas. S. Chapman do.		101
	Edwin M. Hamilton		101
	Coert Du Boisdodo		101 101
	Alfred J. Chittendendo		101
	Saml. B. Detwilerdo		63
	H. K. Porter		27 31 117
	Horauo A. Browndodo		31
	G Allomon do		60
	Carl G Barth		54
	Richard P. Imes		72
	Frank Tompkins		50
	Horatio A Brown		25 25 25
	Henry D. Aller do.		25
	W. W. Mottdodo		25
	Robt. L. Black		25
	A. E. Omando		25
	Frank B. Moodydo		25 25
	Frank B. Mattoondo		25
	Louis Margolin do do		25
	W. G. Higginsdo		25
	Walter B. Hadley		25 25 25
	Will. H. KODDE	•••••	25 25
	Poland D. Craig		25
	Robert W Avorg		25
	Willard M Drake		25 25
	Hartley B. Holroyd do		1 95
	A. T. Searles		25 25 25
	Jno. H. Bridgesdo		25
	Jerome H. Ramskilldo		25
	Walter K. Wilderdodo		25
	Daniel W. Hammdo		25
	A. W. W netstone		25 25 25
	HOWARD F. Welss		95
	T T Mungar		25 25 25
	E G Cheyney do		25
	Joseph Mead do do		25
	Edwd. E. Carter do		98
	Douglas Rodman		2
	Clarence J. Buckdo		25 25 25 25
	E. A. Zleglerdo		25
	Paul G. Redingtondo		25
	E. E. Adamsdo		25
	Dolph E Cholden		25 25 25 25
	Fronk I Phillips		25 25 25 25
	T F Rond		25
	H R Bristol		2
	R. B. Bartholomew		98
	Willis L. Jepson do		25 25 25
	Anton T. Boisendo		25
	F. S. Kentdo		25
	Paul D. Kelleterdo		9.5
	Jno. M. Nelson, jrdo		25
	Paul G. Ředington       do         E. E. Adams       do         L. L. White       do         Ralph E. Sheldon       do         Frank J. Phillips       do         J. F. Bond       do         H. R. Bristol       do         R. B. Bartholomew       do         Willis L. Jepson       do         Anton T. Boisen       do         F. S. Kent       do         Paul D. Kelleter       do         Jno. M. Nelson, jr       do         Allen R. Powers       do         Clinton G. Smith       do         E. E. Bogue       do		25 25 25
	Clinton G. Smithdo		20
	E. E. Bogue		25
	W. J. 1 uffler		25
	Clinton G. Smith   do		25 25 25 25
	Stephen M. Crowell		25 25
	Geo. W. Dunnan do		25
			25

Date.	Name.	Nature of payment.	Total.
1903.	Clifton D. Howe. P. T. Harris. Fayette D. Conden. J. Earl Barton. W. W. White. Alfred C. Weed. Thos. J. Taylor. Burton P. Tinchell. Ernest Saunders. Wm. G. Weigle. T. Leonard Hoover. Will B. Greeley. Max Rothkugel. Clyde Leavitt. W. W. Everett. Harrold Day Foster Louis Krautter. Karl W. Woodward Ralph C. Hawley Harry D. Everett. H. W. Chittenden. Phillip W. A yers. O. T. Swan Thos. Balfour. J. D. Warner. Henry D. Seudder Holyoke Dayis.		
ug. 3	Clifton D. Howe	Service	\$25.30
	P. T Harris	do	25. 30 25. 30 25. 30
	Fayette D. Conden	do	25. 30
	J. Earl Barton		25.30
	Alfred C. Wood	do	25.30
	Thos I Taylor	do	25. 30
	Burton P. Tinchell	do	25. 30 25. 30 25. 30
	Ernest Saunders	do	25. 30
	Wm. G. Weigle	do	25, 30
	T. Leonard Hoover	do	25. 30 25. 30
	Will B. Greeley	do	25.30
	Clyde Leggitt	do	25. 30 25. 30
	W. W. Everett	do	25. 30
	Harrold Day Foster	do	25, 30
	Louis Krautter.	do	25.30
	Karl W. Woodward	do	25, 30
	Ralph C. Hawley	do	25. 30 25. 30
	Harry D. Everett.	do	25. 30
4	Phillip W A yorg	do	25. 30 25. 30
4	O. T. Swan	do	25, 30
	Thos. Balfour	do	25. 30 25. 30
	J. D. Warner	do	25. 30
	Henry D. Scudder	do	25.30
	Henry D. Seudder Holyoke Davis Allens S. Peck Raymond E. Benedict	do	25. 30 25. 30 25. 30
	Allens S. Peck	do	25. 30
•	Raymond E. Benedict	do	60.60
6	Raymond E. Benedict E. A. Braniff W. K. Hatt. Wm. H. Kobbe Danl. W. Hamm Clarence John Buck Otto Luebkert Clinton G. Smith Clifton D. Howe Harold D. Foster	Traveling expenses	78. 48 28. 90
10	Wm. H. Kobbe	do	53 31
10	Danl. W. Hamm	do	53.31 34.50
	Clarence John Buck.	do	29, 73
	Otto Luebkert	do	17.65
	Clinton G. Smith.	do	71. 95 48. 95
,	Chitton D. Howe	do	48. 98
	Paul D. Foster.	0D	62. 65 100. 45
	Willard M Drake	do	65. 50
	Frank B. Moody	do	83.00
	Jas. M. Fetherolf	do	46. 10 16. 93
	Jno. H. Bridges	do	16. 93
	Stuart J. Flintham	do	23. 41
	Tra N. Bovee.	Services	32.00
	C A Norton	do	23. 75
	Herbert A Smith	do	27. 72 28. 00 25. 30
	Sherman A. Allen	do	25. 30
	Clinton G. Smith Clifton D. Howe Harold D. Foster Paul D. Kelleter Willard M. Drake Frank B. Moody Jas. M. Fetherolf Jno. H. Bridges. Stuart J. Flintham Ira N. Bovee Fred, Thornton C. A. Norton Herbert A. Smith Sherman A. Allen Wm. C. Hodge, jr. The Leeds and Northrup Co Delano & Moore H. M. Sutter Harvard Laundry Co D. N. Walford Moore Bros Jas. S. Topham Wm. Brown Coert Du Bois J. P. Wentling J. F. Baker E. R. Secrest Jerome H. Ramskill Eugene S. Bruce Z. L. Bliss Sami. B. Detwiler Jas. E. Gow	do	101. 10
	The Leeds and Northrup Co	do	81.00
10	Delano & Moore.	do	575.49 140.30
12	H. M. Sutter	do	140. 30
13	D N Walford	Diala	2. 33
19	Moore Bros.	Tynewriters	25. 20 68. 00 90. 00
	Jas. S. Topham	Trunks	90.00
	Wm. Brown	Dravage	2.00
14	Coert Du Bois	Traveling expenses	132.61
	J. P. Wentling	do	132. 61 87. 82 67. 05
	J. F. Baker.	do	67.05
	Laromo H. Romalvill	do	44. 20 29. 25
	Eugene S. Bruce	do	29. 25 75. 04
	Z. L. Bliss	do	130. 67
	Samı. B. Detwiler	do	13. 83
	Jas. E. Gow	do	35.10
	Howard F. Weiss	do	29. 15
	Thea T Taylor	do	170. 35
	Wilfred W White	do	20. 15
	J. S. Holmes	do	32.30 73.45
	Henry D. Allen.	do	36.48
	Richd. P. Imes	do	101. 75
	Herbert A. Paul.	do	143.40
	Z. L. Bliss Sami. B. Detwiler Jas. E. Gow Howard F. Weiss F. E. Olmsted. Thos. J. Taylor. Wilfred W. White J. S. Holmes Henry D. Allen Richd. P. Imes Herbert A. Paul Wesley J. Gardner Edw. M. Hamilton J. Earl Barton	do	290. 90 142. 00

### Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

Date.	Name.	Nature of payment.	Total
1903.			
ig. 14	E. B. Hodson	Traveling expenses	\$81.
28. 11	Wm. R. Lazenby	Services	25. 25. 50
	C. W. Edgerton	do	25
	C. W. Edgerton Wm. T. Cox	do	50
	O. S. Mason	do	49
	O. H. Conrad	Rubber hose	37
	Red Front Mercantile Co. Geo. M. Baldwin	Groceries Lumber	45
	Geo. M. Baldwin	Lumber	45
	C Roeker	Trunk	18
	The Maurice Jovce Engraving Co	Dies	182 15
	The Maurice Joyce Engraving Co. Remington Typewriter Co. Capital Traction Co.	Typewriter	182
	Capital Traction Co.	Car tickets	15
	Geo. E. Corbett R. C. M. Burton & Son	Photo materials	20
	R. C. M. Burton & Son	Awnings	6
	L. G. Orndorff	Wheel cart.	7
	Chas. R. Edmonston	Wheel cart. Filter	6 7 7
	Densmore Typewriting Co	Card platen	17
15	National Electrical Supply Co	Fans	17
	C. M. Burton & Son L. G. Ormdorff Chas. R. Edmonston Densmore Typewriting Co National Electrical Supply Co Francis Miller Lamb & Tilden Hugh Beilly	Oil	3
	Lamb & Tilden.	Rack	3
	Hugh Reilly	Brush	1
17	W. & L. E. Gurley.	Compasses	137
	Chas. N. Dayton	Photo prints	1
18	Lamb & Filden Hugh Reilly W. & L. E. Gurley Chas. N. Dayton E. Morrison Paper Co. Remington Typewriter Co. Jno. C. Rau Bishop Art Co. Reynolds Hill C. O. Snærks	Compasses Photo prints Stationery	18
	Remington Typewriter Co	Typewriter	92
	Jno. C. Rau	Wire	4
	Bishop Art Co	Photo supplies	29
19	Reynolds Hill	Traveling expenses	235
	C. O. Sparks	do	154
	C. O. Sparks Harold B. Eastman F. W. Reed	do	38
	F. W. Reed	do	101
	R. G. Giffin	do	10 37 35
	Geo. Farley	do	37
	Theo. F. Borst	do	35
	Geo. Farley Theo. F. Borst E. J. S. Moore	do	59
	Jos. A. Fitzwater	do	23
	Walter S. Brown	do	36
	Frank G. Miller	do	67
	Manasseh Smith, jr	do	61
	Jos. A. Fitzwater Jos. A. Fitzwater Walter S. Brown Frank G. Miller Manasseh Smith, jr Chas. A. Scott.	do	51
	Alfred Gaskill H. K. Porter Geo. Griswold	do	179
	H. K. Porter	do	113
	Geo. Griswold	do	68
	Saml. N. Spring. Hugh P. Baker Gilbert Alleman. Geo. E. Tower	do	119
	Hugh P. Baker	do	309 289
	Gilbert Alleman	do	288
	Geo. E. Tower	do	183 30
	Clyde Leavitt	00	29
	Burton E. Baocock		40
	Raipii E. Sneidon	QO	40
	E. A. Ziegier		53
	U. E. Feagan		41 244
	C. F. Clament	do	13
	Geo. E. Tower Clyde Leavitt Burton E. Babcock Ralph E. Sheldon E. A. Ziegler C. E. Feagan Henry Grinnell G. E. Clement Henry W. Newman Smith Riley	do	16.
	menry W. Newman	do	100
	Sillitii Kiley	do	120 169
	FINDER ROTH	do	143
	Filibert Roth W. H. B. Kent H. Day Foster	do	146
	H. Day Foster	do	37 17
	Louis Margolin.	Caridos	28
	Conton Dice & Co (Companies)	Wronning noner	21
	Carter, Rice & Co. (Corporation)	Poord	36
	Ino C Cifford	Carvigge	151
	Chan A Tyford	do	151 25
	D. C. Wollogg	Traveling avpages	201
	R. S. Kellogg	. Travening expenses	11
	Louis Margolin Keuffel & Esser. Carter, Rice & Co. (Corporation) G. W. Shank Jno. C. Gifford Chas. A. Lyford R. S. Kelloeg Thornton T. Munger Jno. M. Keeler, jr H. B. Holroyd Frank A. Clarke Wm. T. Cox M. A. Benedict Geo. H. Cecil W. & L. E. Gurley Eberhard Faber	do	31
	JHO. M. Keeler, Jr.	do	4
	Frank A Clarks	do	141
	Wm T Cor	do	238
	M A Donodiot	do .	238 110
	Coo H Cooil	do	45
	W f. I F Curley	Poveh	20
	W. & L. E. Gurley	Bands	126
	Eberhard Faber C. P. Goerz	Langae	126 222
	C. P. Goerz The Torsion Balance Co. Wm. E. Stockett & Co.	Lenses	24
			1

### Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

ate.	Name.	Nature of payment.	Total.
903.			
g. 20	Geo. H. Walker & Co	Maps	\$1.0
	M. Du Perow	Buzzers	3.6
21	Geo. H. Walker & Co. M. Du Perowdo. National Electrical Supply Co. Robt. W. Peed. R. V. R. Reynolds. Douglas Rodman. T. P. Luitens. M. C. Jensen. Robt W. Avers	Moscuring instruments	4. 1 6. 0
21	Robt. W. Peed	Services	60.0
	R. V. R. Reynolds	Traveling expenses.	151.8
	Douglas Rodman	do	26. 3
	T. P. Lukens	do	182. 3 72. 8
	M. C. Jensen	do	72.8
	M. C. Jensen. Robt. W. Ayers. J. C. Blumer. H. D. Scudder. Avery T. Searl. H. E. Burk. Albert W. Cooper. Robt. B. Wilson. Albert F. Potter. Ferris R. Miller. Wm. F. Hubbard.	do	56. 4 10.
	H D Sendder	do	59.0
	Avery T. Searl.	do	36.
	H. E. Burk	do	88.
	Albert W. Cooper	do	15.
	Robt. B. Wilson	do	215. 4 169.
	Albert F. Potter	do	169.
	Ferris R. Miller Wm. F. Hubbard Jas. B. Jones Roland D. Craig Wm. H. Mast W. W. Mott. Walter B. Hadley L. C. Miller Wm. L. Hall A. D. Hopkins Fayette D. Conden Allen B. Patterson Edw. T. Allen Wm. W. Mott J. B. Jones. Franklin W. Reed Jno. B. Anderson G. B. Lull Ralph S. Hosmer	dodo	58.1 121.
25	Tas R Tones	do	162.
20	Roland D. Craig	.do	42.
	Wm. H. Mast.	do	42. 141.
	W. W. Mott	do	63.
	Walter B. Hadley.	do	48.
	L. C. Miller	do	202. 56.
	Wm. L. Hall.		51.
	Faratta D. Condon	do	14.
	Allen R Patterson	do	93.
	Edw. T. Allen	.do	128.
	Wm. W. Mott.	do	15.
	J. B. Jones	Services	40.
- 0	Franklin W. Reed	do	84.
26	Jno. B. Anderson	Traveling expenses	84.1 50. 38.
	G. B. Luli	do	38.
	Clinton G Smith	do	186. ( 40. :
	Edw. E. Carter	do	16.
	Ralph S. Hosmer Clinton G. Smith Edw. E. Carter H. O. Tunis	do	21. (
	Frank Klarpp. Robt. L. Black David G. Kinney Chas. A. Lyford.	do	146.
	Frank Klarpp	do	50.
	Robt. L. Black	do	83. 1 153.
	David G. Kinney	do	153. 0 22. 1
	F A Rromiff	do	190.
	E. G. Chenney	do	16.
	F. W. Besley	do	46.
	Frank Tompkins	do	31.
	Wallace I. Hutchinson	do	48.
	R. G. Zon	do	45.
	Wm. W. Cheever	do	31.
	C A McCue	do	204. 179.
	Elers Koch	do	225.
	Chas. A. Lyford E. A. Bramiff E. G. Chenney F. W. Besley Frank Tompkins Wallace I. Hutchinson R. G. Zon Wm. W. Cheever R. E. Benedict C. A. McCue Elers Koch H. D. Langille H. J. Thomkins C. H. Hanson W. A. Downing Saddlery Co Loren E. Hunt Anson E. Cohoon Paul D. Kelleter R. V. R. Beynolds S. S. Sledd & Bro. Co Moore Bros	do	130.
	H. J. Thomkins	do	123. 25.
	C. H. Hanson	Hammers	25.
0~	W. A. Downing Saddlery Co.	Saddles	40.
27	Angen E. Gobson	Traveling expenses	150. 78.
	Paul D Volloter	dodo	50.
	R. V. R. Beynolds	do	127.
	S. S. Shedd & Bro, Co.	Heater	9.
	Moore Bros. The J. C. Ergood Co.	Traveling case	8.
	The J. C. Ergood Co.	Pearline	1.
	M. Du Perow	Electric supplies Drawing materials	2.
	Houghton & Dolono	Photo supplies	31.
	D. F. Parker	Stationery	108. 54.
	The J. C. Ergood Co. M. Du Perow Fred. A. Schmidt Houghton & Delano D. F. Parker The C. J. McCubbin Co. W. B. Moses & Sons Rudolbh, West & Co. Jas. B. Lambie Co. do.	Photo supplies Stationery Straps	
	W. B. Moses & Sons.	Furniture	20.
	Rudolph, West & Co.	Hardware	39.
	Jas. B. Lambie Co.	Brooms.	5.
	do	Brooms	5.
20	do .	Cases Traveling expenses do Salaries	15.
28 29	W V Hatton.	Traveling expenses	136. 40.
	M. D. Dall.		4,745.

## $Expenditures\ of\ the\ Department\ of\ Agriculture\ for\ fiscal\ year\ ending\ June\ 30,\ 1904-{\rm Cont'd}.$

Date.	Name.	Nature of payment.	Total
1903.			
ept. 1	Jno. Appleton	Services	\$40
. F	J. Fred. Baker M. A. Benedict Jacob C. Blumer H. J. Brown Fred. A. Besley. Jas. M. Fetheroff Robt. V. R. Reynolds Clayton D. Mell. Wm. B. Howard H. B. Eastman Wm. W. Cheever A. C. Ringland Gerald B. Lull Jno. S. Guthrie J. S. Holmes. E. R. Hodson	do	40
	M. A. Benedict	do	40
	Jacob C. Blumer.	do	40 40
	H. J. Brown	do	40
	Fred. A. Besley	do	40
	Jas. M. Fetheroff	do	40
	Robt. V. R. Revnolds	do	40
	Clayton D. Mell	do	40
	Wm. B. Howard	do	40
	H. B. Eastman	do	40
	Wm. W. Cheever	do	
	A. C. Ringland	do	40
	Gerald B. Lull	do	40
	Jno. S. Guthrie	do	40
	J. S. Holmes	do	40
	E. R. Hodson	do	40
	Herbert A. Paul	do	40
	Herbert A. Paul. Herbert O. Stabler Blaine S. Viles	do	4(
	Blaine S. Viles.	do	40
	J. P. Wentling	do	40
	S. P. Woolfolk	do	40
	Blaine S. Viles J. P. Wentling S. P. Woolfolk Alpheus O. Waha Ferris R. Miller Wm. T. Cox Geo. E. Tower Jno. H. Hatton Geo. Griswold Harry E. Burke Jno. E. Keach C. Marshall Taylor Frank Tomopkins	do	40
	Ferris R. Miller	do	40
	Wm. T. Cox	do	50
	Geo. E. Tower	do	5( 5(
	Jno. H. Hatton	do	50
	Geo. Griswold	do	50
	Harry E. Burke	do	50
	Jno, E. Keach.	do	50
	C. Marshall Taylor	do	50
	Frank Tompkins	do	50
	David G. Kinney	do	50
	Zina L. Bliss	do	50 50
	Theo, F. Borst	do	50
	Wm. H. Mast	do	50
	Frank Klarpp	do	50
	C. O. Sparks	do	50
	C. A. Norton	do	50
	C. Feagan	do	50
	Anson E. Cohoon	do	, 60
	Hugh P. Barker	do	60
	Louis C. Miller	do	60 60
	Royal S. Kellogg	do	60
	E. J. S. Moore	do	60
	Jno. W. Riggs	do	60 60 60
	Chas. A. Scott.	do	6(
	W. J. Hutchinson	do	60
	M. C. Jensen	do	66
	Herman J. Sutter	do	78
	Smith Riley	do	78
	Geo. Farley	do	78 78 78
	G. Marshall Taylor Frank Tompkins. David G. Kinney. Zina L. Bliss Theo. F. Borst Wm. H. Mast Frank Klarpp. C. O. Sparks C. A. Norton C. Feagan Anson E. Cohoon Hugh P. Barker Louis C. Miller Royal S. Kellogs E. J. S. Moore Jno. W. Riggs Chas. A. Scott W. J. Hutchinson M. C. Jensen Herman J. Sutter Smith Riley Geo. Farley Henry W. Newman G. G. Rollin Wm. H. B. Kent Rapheal G. Zon Reynolds Hill Elers Koch H. K. Porter Robt. D. Wilson Wm. D. Sterrett Judson F. Clarke J. Given Peters Theo. S. Woolsey, ir Harold B. Kempton Saml. B. Delwiller Saml. L. Spring. Jno. B. Anderson	do	78 78 78
	G. G. Rollin	do	75
	Wm. H. B. Kent	do	73
	Rapheal G. Zon	do	78
	Reynolds Hill	do	7:
	Elers Koch	do	84 84
	H. K. Porter	do	84
	Robt. D. Wilson	do	84
	Wm. D. Sterrett.	do	84
	Judson F. Clarke	do	84
	J. Given Peters	do	84 84 84 84
	Theo. S. Woolsey, jr.	do	84 84
	Harold B. Kempton.	do	84
	Sami. B. Delwiller	do	84
	Saml. L. Spring.	do	84 84 84
	Jno. B. Anderson	do	84
	Theo. P. Lukens	do	84
	Saml. L. Spring. Jno. B. Anderson Theo. P. Lukens Albert Cooper. Roy. L. Marston Alfred Ackerman Frank G. Miller. W. J. Condoor	do	84
	Roy. L. Marston	do	84 84
	Altred Ackerman	do	84
	Frank G. Miller	do	84
	W. J. Gardner	do	84 84
	W. J. Gardner Austin F. Hawes Chas. S. Chapman	do	84
	Chas. S. Chapman	do	101
	Coert Du Bois Edwin M. Hamilton Wm. C. Hodge, jr.	do	101
	Edwin M. Hamilton	(0)	101

## ${\it Expenditures of the Department of Agriculture for fiscal year ending June~30,~1904---Cont'd.}$

#### FORESTRY INVESTIGATIONS-Continued.

Date 1903 Sept.

	Nature of payment.	Total
Alfred Chittenden Prank W. Reed Geo. E. Clement Cdw. T. Allen V. A. Langille Mifred F. Potter Ino. Gifford	Services	\$101
Frank W. Reed	do	101 101
Geo. E. Clement	do	101
Edw. T. Allen	do	151 151 151
V. A. Langille	00	151
Inc Cifford	do	151
Ino. Gifford  I. D. Langille  Phos. H. Sherrard Oren E. Hunt  I. von Schrenk  Eugene S. Bruce  I. J. Tompkins  Filibert Roth Sherman A. Allen  Wm. W. Mott Oseph Mead Daniel W. Hamm  I. B. Jones	do	168
Phos. H. Sherrard	do	168 168 168 210
oren E. Hunt	do	168
I. von Schrenk	do	210
Eugene S. Bruce	do	210 117 189
I. J. Tompkins	do	117
Filibert Roth	do,	189
sherman A. Allen	do	19
N m. W. Mott	do	16
Daniel W Hemm	do	12
. B. Jones 2arl G. Barth 5. Alleman Walter Shoemaker	do	15
Carl G. Barth	do	15 15 17 18 100
Alleman.	do	00
Walter Shoemaker	do	32
Allen B. Paterson	do	28
do	do	23 23
Burtis J. Teasdale	do	2
Henry D. Scudder	do	28
Walter Shoemaker Allen B. Patersondodo. Burtis J. Teasdale Henry D. Scudder Allen S. Peck Hartley B. Halroyd D. T. Swan Willis L. JepsonH. Ramskill Phillip T. Harris Phornton T. Munger Walter K. Wildes Howard T. Weiss A. W. Whetstone	do	28 28
T Swon	do	2
Willie L. Janean	do	2
H. Ramskill	do	2
Phillip T. Harris	do	2
Thornton T. Munger	do	2
Walter K. Wildes	do	28
Howard T. Weiss	do	2
A. W. Whetstone Edw. E. Carter Geo. H. Cecil	do	2. 2.
Edw. E. Carter	do	2
reo. H. Cecu	do	2
L. G. Cheyney	00	2
Locoph A Fitzwator	do	2:
W Edgerton	do	2
O. E. Oman	do	2.
W. G. Higgins	do	2.
Walter S. Brown	do	2.
Manasseh Smith, jr	do	2
L. L. White	do	2.
Henry D. Aller	do	2.
Edwd A Ziogler	do	2.
Ralph F Shaldan	do	2.
I. D. Warner	do	2
A. W. Whetstone Edw. E. Carter Geo. H. Cecil E. G. Cheyney Douglas Rodman Joseph A. Fitzwater C. W. Edgerton D. E. Oman W. G. Higgins Walter S. Prown Manasseh Smith, Jr L. White Henry D. Aller Wm. H. Kobbi Edwd. A. Ziegler Ralph E. Shelden J. D. Warner Jas. W. Tonmey Chas. A. Lyford Wm. R. Lazenby E. E. Adams E. E. Bogue Louis Margolin W. R. Mattoon Robt. W. Ayers Frank B. Moody S. J. Flinthorn Willard M. Drake Louis Krautler, Jr Jno. H. Bridges Robt. L. Black Walter B. Hadley Roland D. Craig Avery T. Searle Phillip W. Ayers H. Day Foster T. Leonard Hoover Clinton G. Smith Paul D. Redington Anton D. Boisen Clifton D. Howe Will Breeley Karl W. Robes Clifton D. Howe Will Breeley Karl W. Robes Karl W. Robes Clifton D. Howe Will Breeley Karl W. Woodward	do	2
Chas. A. Lyford	do	2
Wm. R. Lazenby	do	2
E. E. Adams	do	2.
E. E. Bogue	do	2.
Louis Margolin	00	2: 2: 2: 2:
W. R. Mattoon	do	2
Frank R. Moody	dodo	2.
S I Flinthorn	do	2
Willard M. Drake	do	9
Louis Krautler, ir	do	2: 2: 2:
Jno. H. Bridges	do	2
Robt. L. Black	do	2
Walter B. Hadley	do	2 2 2 2
Roland D. Craig	do	2
Avery T. Searle	do	2
Allen B. Berrens	do	2.
H Day Foster		2.
T Leonard Hoover	do	2
Clinton G. Smith	do	2
Paul D. Redington	do	2:
Anton D. Boisen	do	2
Clifton D. Howe	do	2
	dodo	2.

## $Expenditures\ of\ the\ Department\ of\ Agriculture\ for\ fiscal\ year\ ending\ June\ 30,\ 1904-{\rm Cont'd}.$

Date.	Name.	Nature of payment.	Total.
1903.	W. J. Turner Geo. W. Donnan Jno. M. Nelson, jr F. H. McLaury Jas. E. Gow. H. R. Bristol Jno. M. Keeler, jr Walter J. Morrell Fayette D. Conden Max Rothkugel Burton E. Babcock Clyde Leavitt. Will L. Porterfield E. R. Seerist H. O. Tunis Ernest Sanders W. W. White Jay F. Bond Sylvester M. Crowell Thos. J. Taylor Burton P. Twichell R. C. Hawley Clarence J. Buck J. Earl Barton Alfred C. Weed F. Stantey Keut R. B. Bartholomew H. Day Everett H. W. Chittenden		
pt. 1	W. J. Turner	Services	\$25.
_	Geo. W. Donnan	do	25.
	Jno. M. Nelson, jr	do	25.
	F. H. McLaury	do	25.
	Jas. E. GOW	GO	25.
	Ino M Koeler ir	60	25. 25.
	Walter J. Morrell	do	25.
	Favette D. Conden	do	25.
	Max Rothkugel	do	25.
	Burton E. Babeock	do	25.
	Clyde Leavitt	do	25.
	Will L. Porterfield	do	25.
	E. R. Secrist	do	25. 25. 25.
	H O Tunis	do	20.
	Ernest Sanders	do	25.
	W W White	do	25.
	Jay F. Bond	do	25.
	Sylvester M. Crowell	do	25. 25.
	Thos. J. Taylor	do	25.
	Burton P. Twichell	do	25. 25. 25.
	R. C. Hawley	do	25.
	Clarence J. Buck.	do	25.
	J. Earl Barton	00	25. 25. 25.
	F Stepley Kent	do	25
	P R Bartholomew	do	25
	H Day Everett	do	25
	H. W. Chittenden	do	25
	Wallace W. Everitt	do	25 25
3	Joseph Meed	Traveling expenses	59
	Wm. C. Hodge, ir.	do	158
	Chas. H. Herty.	do	158 437 32
4	Walter Shoemaker	Services	32
	W. A. Dowing Saddlery Co	Harness	30 25
	Paul D. Kelleter	. Services	40
	Hophout A Cmith		56
	Raymond E Banadiet	do	, 60
	Frank A. Clarke	do	75
	Chas. H. Crist.	do	6
	Galen S. Cleland	do	19
8	Harry Grinnell	. Traveling expenses	133 41
9	Chas. S. Chapman	do	41
	Thos. J. Taylor		36
	W. F. FISKE	Commissed	74 60
	W C Wiegel	do	25
10	E A Ziegler	Traveling expenses	57
10	J. P. Wentling	do	. 71
	F. Stanley Kent R. B. Bartholomew H. Day Everett H. W. Chittenden Wallace W. Everitt Joseph Meed Wm. C. Hodge, ir Chas. H. Herty Walter Shoemaker W. A. Dowing Saddlery Co. Paul D. Kelleter Titus D. Phillipps Herbert A. Smith Raymond E. Benedict Frank A. Clarke Chas. H. Crist Galen S. Cleland Harry Grinnell Chas. S. Chapman Thos. J. Taylor W. F. Fiske Jno. W. Warren W. G. Wiegel E. A. Ziegler J. P. Wentling Henry D. Allen R. S. Kelogg H. N. Whitford Jas. E. Gow Phillip T. Harris Ferris R. Miller Franklin R. Reed Jno. Foley. Geo. Griswold Wm. H. Kobbi M. C. Jensen Walter S. Pown	do	52 210
	R. S. Kellogg	do	210
	H. N. Whitford	do	14
	Jas. E. Gow	do	3
	Phillip T. Harris	do	4 69
	Ferris K. Miller.	do	69 72
	Frankin R. Reed	do	32
	Coo Crigwold	do	71
	Wm H Kobbi	do	77
	M. C. Jensen	-do	76
	Walter S. Brown	do.	39
	Clarence J. Buck	do	33
	Hartley B. Holroyd	do	11
	H. W. Newman	do	40
	O. A. Waha	do	12
	Jno. Appleton.	do	33
	Edw. A. Braniff	Services	84 50
	C. A. McCule	do	50 13
	Wm. H. Kobbi M. C. Jensen Walter S. Brown Clarence J. Buck Hartley B. Holroyd H. W. Newman O. A. Waha Jno. Appleton Edw. A. Braniff C. A. McCue Robt. H. Allen Royal F. Nash J. P. Nawrath Henry Heil Chemical Co Remington Typewriter Co Barber & Ross Jno. Underwood & Co Kelly Axe Manufacturing Co Andrew Faist	dodo	6
	I P Nowroth	Twine	5
	Henry Heil Chemical Co	Beakers	5
	Remington Typewriter Co	Typewriter	92
	Barber & Ross	Hatchet handles	4
11	Jno. Underwood & Co.	. Carbon paper	37 18
	Kelly Axe Manufacturing Co.	. Axes	18
			28

Date.	Name.	Nature of payment.	Total
1903.			
pt. 11	Red Front Mercantile Co. Fred. Thornton.	Groceries	\$60
	Fred. Thornton	Services	31
	red. Thornton Ira N. Bovee J. M. Fetherolf Wm. W. Cheever Allen B. Patterson Chas. A. Lyford B. E. Babcock David G. Kinney A. D. Hopkins Alfred Gaskill	do	31 26 32 24
	J. M. Fetherolf	Traveling expenses	32
	Wm. W. Cheever	0D	24 130
	Chas A Lyford	dodo	
	B F Bahaoak	do	25 31
	David G Kinney	do	154
	A. D. Hopkins	do	154 40
	Alfred Gaskill	do	368
12	Delano & Moore	Photo supplies	329
14	Mackall Bros	Burettes, etc	146 107
	O. W. Price	Traveling expenses	107
16	J. W. Tourney	do	174
	Philip T. Harris	00	6 12
	Fayette D. Conden	00	12
	J. H. Kalliskiii	do	31 530
	Ino W Warren	do	76
	C Marshall Taylor	do	76 120
	Manesseh Smith, ir	do	49
	A. D. Hopkins Alfred Gaskill Delano & Moore Mackall Bros O. W. Price J. W. Tourney Phillip T. Harris Fayette D. Conden J. H. Ramskill Eugene S. Bruce Jno. W. Warren C. Marshall Taylor Manesseh Smith, jr Daniel W. Hamm Robt. B. Wilson R. V. R. Reynolds E. R. Seerist Elers Koch G. E. Tower	do	91
	Robt. B. Wilson	do	82 37 31
	R. V. R. Reynolds	do	37
	E. R. Secrist	do	31
	Elers Koch	do	121
	G. E. Tower Edw. T. Allen Saml, B. Detwiler	do	266
	Edw. T. Allen.	00	48 10
	Wm. F. Hubbard	00	100
	I C Miller	dodo	168 288
	Waslay Bradfield	Sarvings	15
	Alfred C. Burrill	do	6
	Willer L. C. Miller Wesley Bradfield Alfred C. Burrill Clyde F. Kershner	do	15
	Santiago Artiaga	do	15
	F. B. H. Brown	do	18
	Santiago Artiaga F. B. H. Brown Church & Stephenson	Lumber	97
	Jas. Nicholson Julius Lansburg	Canvas	8
	Julius Lansburg	Hardware	24
	Jos. L. Crupper	Lumber	13
17	Jos. L. Crupper Keuffel & Esser Co The Draper Manufacturing Co	Rules	54 30
	Tipius Olson & Co	Tools	10
	Tinius Olsen & Co C. R. Nilstead R. N. Peed H. N. Scudder	Prenaring plate	10
	B. N. Peed	Services	12 60
	H. N. Scudder	Traveling expenses.	10
	Avery T. Searle	do	9
	Ralph E. Sheldon	do	47
	Z. L. Bliss	do	95
	G. E. Clement	do	95 160
	C. Feagan	do	70
	Frank Tompkins	do	109
	H. N. Scudder. Avery T. Searle. Ralph E. Sheldon. Z. L. Bliss G. E. Clement. C. Feagan. Frank Tompkins. Herbert R. Paul. J. Fred Baker.	do	90 85
	T. P. Lukins	do	85
	T. P. Lukins. E. R. Hodson. David G. Kinney. Coert Du Boise. Clifton D. Howe.	do	257 98
	David G Kinney	do	26
	Coert Du Boise	do	26 235
	Clifton D. Howe	do	36
	A. S. Peck	do	3
	do	do	Š
	Hamilton G. Merrill	Services	10
18	Clifton D. Howe A. S. Peck do do Hamilton G. Merrill H. D. Langille Alfred C. Burrill H. B. Eastman Hugh P. Baker Edwin M. Hamilton Jno. M. Keeler, jr G. S. Cleland E. J. S. Moore Chas. A. Scott	Traveling expenses	120
	Alfred C. Burrill	do	12 85 233
	H. B. Eastman	do	85
	Hugh P. Baker	40	233
	Ino M Fooler in	* do	39
	G S Cloland	do	23 22
	F I S Moore	do	51
	Chas A Scott	do	107
	M. A. Benedict	do	98
	Chas. A. Scott. M. A. Benedict. Gilbert Alleman	do	91
	J. W. Toumey. Fred A. Schmidt Maine Central R. R. Co. Great Northern Rwy. Co.	do	91 105
	Fred A. Schmidt.	Drawing materials	18
		7	10

## $Expenditures \ of \ the \ Department \ of \ Agriculture \ for \ fiscal \ year \ ending \ June \ 30, \ 1904--Cont'd.$

Date.	Name.	Nature of payment.	Total.
1903.			
pt. 18	The Pennsylvania R. R. Co	Passenger transportation	\$17.
	do do Washington Southern Rwy. Co Galveston, Harrisburg and San Antonio	do	97.
	Washington Coutham Dwar Co	do	99. 11.
	Galveston Harrishurg and San Antonio	do	22.
	Washington Southern Rwy. Co. Galveston, Harrisburg and San Antonio Rwy. Co. Oregon Short Line R. R. Co. Georgia Southern and Florida Rwy. Co. Michigan Central R. R. Co. Delaware, Lackawanna and Western R. R. Co. Delaware, Lackawanna and Western R. R. Co. Southern Rwy. Co. Burlington and Missouri River R. R. The Chesapeake and Ohio Rwy. Co. Northern Pacific Rwy. Co. Rio Grande, Pagosa and Northern R. R. Co. Erie R. R. Co. TheAtchison, Topeka and Santa Fe Rwy. Co. Oceanic Steamship Co. Pennsylvania R. R. Co. Georgia Southern and Florida Rwy. Co. New York Central and Hudson River R. R. Co. Southern Rwy. Co. Merchants and Miners' Transportation Co. Central Vermont Rwy. Co. Merchants and Miners' Transportation Co. Central Vermont Rwy. Co. Siddings & Steele. Merchants' Transfer and Storage Co. Underwood Typewriter Co. S. J. Venable E. Morrison Paper Co. Wm. E. Stockett & Co. Lamb & Tilden. R. B. Merchant. Nellie W. Breinzer Saml. N. Spring F. E. Olmsted. Jno. H. Hatton. Albert F. Potter Wm. T. Cox Richard P. Imes C. A. McCue. Frank G. Miller. H. E. Burke H. H. Chapmandodo R. E. Benedict Edw. S. Bryant C. O. Sparks A. W. Whetstone Walter K. Wilderdo C. E. Owen C. H. Ray		22.
	Oregon Short Line R. R. Co	do	15.
	Georgia Southern and Florida Rwy. Co	do	8.
19	Michigan Central R. R. Co.	do	63.
	Dulluth, South Shore and Atlantic Rwy. Co	00do	44. 10.
	Terre Haute and Indianapolis R. R. Co	do	64.
	Southern Rwy. Co.	do	92
	Burlington and Missouri River R. R	do	6
	The Chesapeake and Ohio Rwy. Co	do	6. 77. 15.
	Rio Granda Pagasa and Northam P. P. Co.	do	11.
	Erie R. R. Co	do	8.
	The Atchison, Topeka and Santa Fe Rwy. Co	do	206
	Oceanic Steamship Co	do	135
	Pennsylvania R. R. Co.	do	46
	New York Control and Hudgen Biver B. D. Co.	do	3 24
	Southern Rwy Co	do	37
	Merchants and Miners' Transportation Co	do	12
	Central Vermont Rwy. Co.	do	3
21	R. P. Andrews & Co. (Incorporated)	Paper holders	20
	The Maurice Joyce Engraving Co	Engraving letter paper	3
	Morehents' Transfer and Storage Co	Rug	12
	Underwood Typewriter Co.	Typewriting	92
	S. J. Venable	Photo supplies	2
	E. Morrison Paper Co	Cardboard	8 5
	Wm. E. Stockett & Co	Tags	5
	Lamb & Tilden	Steel plates	21
	Nellie W Breinger	Traveling expenses	34
22	Saml. N. Spring	dodo	184
	F. E. Olmsted	do	268
	Jno. H. Hatton	do	151
	Albert F. Potter	do	, 123 229
	Righard P. Imas	do	134
	C. A. McCue	do	183
	Frank G. Miller	do	183 78
	H E. Burke	do	48
	H. H. Chapman	do	49
	D F Panadiat	00	49 62
	Edw S Bryant	do	12
	C. O. Sparks	do	64 7 10
	A. W. Whetstone	do	7
	Walter K. Wilder	do	10
	do	00	6
	C H Roy	Sunnlies	5 28
24	Harold P. Kempton	Traveling expenses	
	Jno. Appleton	do	42 55 101
	Loren E. Hunt.	do	55
	Filibert Roth	do	101
	Wm W Most	do	80
	Frank A. Clarke	do	61 124
	H. J. Tompkins.	do	9/12
	W. A. Langille	do	225
	do	do	277
	J. S. Holmes.	do	225 277 66 4
	A. W. Whetstone A. Walter K. Wilderdo A. E. Owen C. H. Ray Harold P. Kempton Jon. Appleton Loren E. Hunt Filibert Roth Smith Riley Wm. H. Mast Frank A. Clarke H. J. Tompkins W. A. Langilledo J. S. Holmesdo C. W. Edgerton Wm. C. Hodge, jr Ernest N. Littsdo	do	4
	Wm. C. Hodge, jr.	Expenses	4 33
	Ernest N. Litts	Services, August	112
	do	Expenses. Services, August. Services, September. Services.	45
	do Henry Lawrence C. J. Murray Henry Longheue Barber & Ross Queen & Co. (Incorporated) W. & L. E. Gurley Emil Greiner Eimer & Amend	Services	45. 30. 155.
	U. J. Murray	do	155 37
	Barber & Ross	Horse	8
	Queen & Co. (Incorporated)	Horse Screws, etc Photo supplies Compasses Glass graduates Supplies	8.
	W. & L. E. Gurley	Compasses	273

Da	ate.	Name.	Nature of payment.	Total.
19	03.			
Sep	t. 28	Robt. H. Allen W. H. B. Kent Ferris R. Miller Edwd. E. Carter	Traveling expenses	\$629.
		W. H. B. Kent	do	136.: 47.
		Ferris K. Miller	00	14.
		H. K. Porter	do	131.
		H. K. Porter W. W. White W. J. Gardner	do	39. 256.
		W. J. Gardner	do	256.
				13. 58.
		Library Bureau	Uases	15
		Latz & Co	Cases	15. 77.
		Woodward & Lothrop	Desks, etc Typewriter Paints, etc. Salaries	169.
		Remington Typewriter Co	Typewriter	92. 131.
	0.0	Geo. F. Muth & Co	Paints, etc	131.
	30	Library Bureau Jas. S. Topham Lutz & Co. Woodward & Lothrop. Remington Typewriter Co. Geo. F. Muth & Co. Geo. B. Sudworth et al.	Salaries	4,166.
		Total first quarter		2,6784.
Oct	. 1	G. E. Clement		188.
		do.	Services	97. 97. 146.
	2	F. T. Alien	do	146
	2	A. F. Potter	do	146.
		W. A. Langille.	do	146.
		L. E. Hunt	do	163. 163.
		do. C. S. Chapman E. T. Alien. A. F. Potter. W. A. Langille L. E. Hunt T. H. Sherrard H. D. Langille C. H. Hertz H. von Schrenk E. S. Bruce G. Alleman	do	163.
		C H Hartz	dodo	163.
		H. von Schrenk	do	183. 203.
		E. S. Bruce	do	203.
		G. Alleman G. Griswold C. G. Barth R. P. Imes	do	60.
		G. Griswold	do	26. 100.
		P. P. Imos	do	165.
		W. H. Kobbe	do	1.
		R. L. Black	do	5.
		G. J. Traugott	do	5. 5.
	*	W. H. Kobbe R. L. Black G. J. Traugott O. T. Swan	do	8.
		W. M. Drake W. K. Wilder S. J. Fluitham	do	10.
		S. J. Fluitham	do	11. 13.
		J. S. Holmes. H. W. Woodward F. G. Miller C. W. Crist.	do	16.
		H. W. Woodward	do	21. 21. 22.
		F. G. Miller	do	21.
		U. W. Urist.	do	22. 24.
		H. B. Fastman G. B. Lull J. F. Baker F. J. Phillips	do	28.
		J. F. Baker	do	30.
		F. J. Phillips	do	30. 49.
		B. A. Sterling F. Roth A. Whetstone F. H. McLaury	do	55.
		Y Whotstone	do	91.
		F. H. McLaury	do	9.
		T. L. Hoover	do	91. 9. 9.
		H. R. Bristol	do	13
		T. L. Hoover H. R. Bristol H. W. Chittenden T. T. Munger	do	13
		L. Margolin	do	14 14
		E. Margoliu E. E. Sheldon E. E. Carter F. D. Conden F. S. Kent E. W. Ayers H. D. Everett A. P. Bevrers	do	14
		E. E. Carter	do	15
		F. D. Conden	do	15.
		F. S. Kent	do	15
		H D Everett	do	15 15
		A. R. Powers	do	17
		C. Leavitt	do	17
		A. R. Powers C. Leavitt W. S. Brown A. C. Burrill	do	17
		A. U. BUTTIII	do	17. 17. 17. 17. 17.
		S. Artiaga	do	17.
		J. D. Warner	do	17 17 17
		M. Smith, jr S. Artiaga J. D. Warner F. B. H. Brown	do	17
				17
		W. Bradfield W. J. Morrill J. M. Keeler, jr.	do	20
		W.J. MOTTH	do	20.
		H. J. Brown	do	20. 27.
		H. J. Brown A. C. Ringland J. Appleton	do	27
		T 414	3.	31

### Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

Date.	Name.	Nature of payment.	Total.
1903.			
et. 2	W. C. Martin	Services	\$31.
	H. D. Hartley.	do	31. 32. 32. 39. 39.
	B. S. Viles	do	32.
	M. A. Benedict	00	32.
	I P Wentling	do	30
	T. G. Phillips	do	39.
	W. B. Howard	do	39.
	R. V. R. Reynolds	do	39.
	C. D. Mell.	do	39. 39. 39.
	A. O. Waha	do	39.
	E. R. Hodgson		39.
	F P Miller	dodo	39. 39.
	W. W. Cheever	do	39
	H. A. Paul	do	39. 39.
	J. C. Blumer.	do	39.
	S. P. Woolfolk	do	39. 49.
	W. T. Cox	do	49.
	U. E. Tower	0D	49.
	H F Burko	do	49.
	F. Klarpp	do	49. 49.
	W. H. Mast	do	49
	W. C. Martin H. D. Hartley B. S. Viles M. A. Benedict J. D. Guthrie J. P. Wentling T. G. Phillips W. B. Howard R. V. R. Reynolds C. D. Mell A. O. Waha E. R. Hodgson J. M. Fetherolf F. R. Miller W. W. Cheever H. A. Paul J. C. Blumer S. P. Woolfolk W. T. Cox G. E. Tower J. E. Keach H. E. Burke F. Klarpp W. H. Mast C. A. Norton D. G. Kinney F. Tompkins C. M. Taylor Z. L. Bliss C. Feagan T. F. Borst J. H. Hallon A. F. Cohoon	do	49
	D. G. Kinney	do	49. 49. 49.
	F. Tompkins	do	49
	C. M. Taylor	do	49
	C. Foograp		49. 49.
	T F Borst	do	49
	T. F. Borst J. H. Hallon A. E. Cohoon E. J. S. Moore J. W. Riggs W. I. Hutchinson R. S. Kellogg L. C. Miller J. W. Warren M. C. Lenson	do	49
	A. E. Cohoon.	do	58 58
	E. J. S. Moore.	do	58
	J. W. Riggs	do	58 58
	W. I. Hutchinson	do	58.
	F. C. Millor	do	58. 58.
	I W Warren	do	58
	M. C. Jenson	do	58 58
	H. M. Suler	do	, 73. 73.
	R. G. Zou	do	73.
	J. W. Warren M. C. Jenson H. M. Suler R. G. Zou H. W. Newman W. R. McKinnon R. G. Giffin S. Riley G. Farley	do	73.
	W. R. McKinnon	do	73.
	S Riley	do	73. 73.
	G. Farley. W. H. B. Kent F. A. Clarke. J. G. Peters	do	73.
	W. H. B. Kent	do	73.
	F. A. Clarke	do	73.
	J. G. Peters	do	81.
	T. S. Woolsey, jr	00	81. 81.
	F. A. Breniff	do	81.
	H. K. Porter	do	81
	J. G. Peters T. S. Woolsey, jr J. F. Clark E. A. Braniff H. K. Porter H. B. Kempton S. B. Detwiler A. F. Hawes W. J. Gardner	do	81. 81.
	S. B. Detwiler	do	81.
	A. F. Hawes	do	81.
	W. J. Gardner	do	81.
	J. B. Anderson T. P. Lukins R. L. Marston	0D	81.
	P. I. Marston	00	81. 81.
	A W Cooper	do	81
	A. W. Cooper A. Akerman W. D. Sterritt F. W. Reed	do	62.
	W. D. Sterritt	do	81. 62. 81.
	F. W. Reed.	do	
	A. K. Chittenden	do	97.
	F. W. Reed A. K. Chittenden E. M. Hamilton W. C. Hodge, jr E. A. Branifi. Howard Laundry Co T. Balfour G. H. Cecil	00	97.
	W. U. Houge, Jr.	Provoling exponees	97. 97. 97. 160.
	Howard Laundry Co	aundering	100.
5	T. Balfour	Services, August	1. 25.
J	do.	Services, September	24.
	G. H. Cecil	do	24.
	W. L. Jepson	do	24.
	H. B. Holroyd	do	24.
	G. H. Cecil. W. L. Jepson H. B. Holroyd. J. H. Bridges.	do	24.
	L. Kraulter, jr. A. S. Peck H. D. Scudder	00	24. 24.
	4. S. Feck	uo	24. 24.

### Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

ate.	Name.	Nature of payment.	Total.
903.			
. 5	R. B. Bartholomew	Services	\$24.
	B. J. Teasdale M. Rothkugel J. F. Bond R. C. Hawley A. C. Weed. W. G. Weigle P. W. Ayers W. B. Greeley C. D. Howe. H. D. Foster P. B. Kelleter W. W. Everett P. G. Redington J. H. Ramskill J. A. Fitzwater J. E. Barton	do	24. 24.
	I F Bond	do	24.
	R. C. Hawley	do	24.
	A. C. Weed	do	24.
	W. G. Weigle	do	24.
	P. W. Ayers	do	24.
	W. B. Greeley	dodo	24.
	U. D. Howe.	do	24. 24.
	P. B. Foster	dodo	24.
	W W Everett	do	24.
	P. G. Redington	do	24.
	J. H. Ramskill	do	24.
	J. A. Fitzwater	do	24.
	J. E. Barton	do	24.
	P H Allon	do	24.
	E. G. Cheyney H. O. Tunis G. S. Cleland D. Rodman	do	24.
	H. O. Tunis	do	24.
	G. S. Cleland	do	24. 24.
	P F Pahasal	dodo	24.
	B. E. Babcock W. L. Poterfield	do	24.
	E. R. Secrest	do	24.
	E. R. Secrest J. E. Gow	do	24.
	F. E. Adams E. A. Zeigler	do	24.
	E. A. Zeigler	do	24.
	A. E. Oman	do	24.
	C. W. Edgerton	do	24.
	R. D. Craig.	do	24.
	J. W. Toumey	do	24.
	E. E. Bogue	do	24. 8.
	F W Roclay	do	21
	H P Raker	do	31. 52.
	S. N. Spring	do	57.
6	W. B. Hadley.	do	18.
	A. E. Oman C. W. Edgerton R. D. Craig J. W. Toumey E. E. Bogue E. S. Bryant F. W. Besley H. P. Baker S. N. Spring W. B. Hadley C. Barry J. C. Gifford C. O. Sparks	do	26. 146.
	J. C. Gifford	do	146.
	C. O. Sparks C. A. Scott W. R. Mattoon A. T. Boisen	do	49.
	C. A. Scott	do	58.
	W. R. Mattoon	do	13. 13.
			81.
	K. B. Wilsoll F. Koch W. R. Lazenby H. M. Hale F. Klarpp A. Akerman A. T. Searle J. C. Parker	dodo	81.
	W R Lozanby	do	24.
	H. M. Hale	do	24.
	F. Klarpp	Traveling expenses	90.
	A. Akerman	Expenses	21.
	A. T. Searle	Services	22. 116.
8	J. C. Parker	Stationery	116.
9	C. Du Bois H. O. Stabler H. A. Smith H. G. Merrill	Services	97. 39.
	H. O. Stabler	do	39.
	H. A. Smith	do	21. 28.
	H. Davis	do	28. 17.
	H D Allar	do	24.
	H. J. Tompkins	do	111
10	H. D. Aller H. J. Tompkins H. Grinnell	Traveling expenses	114. 278.
	Bishop Art Cc	Photo supplies	41.
	Jas. B. Lambie Co	Photo supplies. Belting	15.
	Delano & Moore	Hydrometer	71.
	Bishop Art Cc. Jas. B. Lambie Co. Delano & Moore. Wm. Brown	Hydrometer Drayage	71. 2.
	Dedelah Wast Co.	Hardware.	2.
	Rudoiph, West & Co	Hardware	9.
12	do	MapsInk	28. 6.
12	Hugh Reilly	Shellac	- 6.
	Lamb & Tilden	Dater	3.
	Lutz & Co	Leather seat	10.
	R. C. M. Burton & Son.	Leather seat	9
	M. Du Perow.	Lamps	6.
	do	Lamps Electric supplies Repairs to typewriter	9.
	S. P. Johnson	Repairs to typewriter	
	Hugh Keilly Lamb & Tilden Lutz & Co. R. C. M. Burton & Son. M. Du Perowdo S. P. Johnsondo	do Drawing materials Sheet holders Electric supplies	
	Fied. A. Schinici	Drawing materials	17. 16.
	E. Morrison Paper Co. Potomac Electric Power Co.	Sheet holders	16.

Date.	Name.	Nature of payment.	Total.
1903.			
et. 12	W. L. King D. N. Walford The Maurice Joyce Engraving Co Ed. J. Hannan Capital Traction Co E. Carter Ballantyne. C. A. Schneider Sons The Chesapeake and Potomac Telephone Co	Felt	\$4.
	D. N. Walford	Odometer	4.
	The Maurice Joyce Engraving Co	Die Photo equipment	4.
	Ed. J. Hannan	Photo equipment	4.
	Capital Traction Co	Tickets Stationery Cast-iron plate Moving switchboard	10.
	C. A. Sahnaidar Sana	Cost iron plots	12.
	C. A. Schneider Sons The Chesapeake and Potomac Telephone Co. Harvard Laundry Co. E. R. Secrest. R. G. Zou. do. The De Forest & Hotchkiss Co. E. G. Cheyney. J. H. Ramskill W. W. Cheever. Martha Sneed. P. O. Department	Moving ewitchboard	4.
	Harvard Laundry Co	Laundering towels	1.
13	E. R. Secrest	Traveling expenses	27.
	R. G. Zou	do	80.
14	do	do	43.
16	The De Forest & Hotchkiss Co	Lumber	33. 25. 67.
	E. G. Cheyney	Traveling expenses	25.
	J. H. Ramskill	do	67.
	W. W. Cheever	do	17.
17	Marina Sneed	Mong	6. 23.
17			71.
19	W. L. Hall	Services	163
10	W. L. Hall R. T. Fisher F. Murphy	do	68.
	F. Murphy	do:	68. 29.
	J. N. Bovee	do	29.
	F. Thornton	do	30.
	L. Margolin	Traveling expenses	31.
	J. N. Bovee F. Thornton L. Margolin H. B. Holroyd J. B. Jones E. E. Bogue W. M. Drake F. D. Conden H. D. Langille	do	13.
	J. B. Jones	00	43.
	W M Droke	dodo	48. 16
	F D Conden	do	25
	H. D. Langille G. Griswold R. F. Nash	do	109
	G G-:- 11	4	25
	R. F. Nash	do	25
	H. G. Merrill	do	66
	R. L. Black	do	24
	W. S. Brown	do	24 40 31
	R. E. Snelden	do	31
	M. A. Benedict	do	75 15
	P. S. Vilae	do	217
	A. C. Burrill	do	. 13
	R. V. R. Reynolds	Expenses	3 54 27
	C. A. Scott	Traveling expenses	54
	F. W. Besley	do	27
	G. B. Lull	00	42 53
	E. A. Sterling	do	1/15
	H R Eastman	do	59
	A. O. Waha	do	2
	G. Kriswold R. F. Nash H. G. Merrill R. L. Black W. S. Brown R. E. Shelden M. A. Benedict H. D. Tiemann B. S. Viles A. C. Burrill R. V. R. Reynolds C. A. Scott F. W. Besley G. B. Lull E. A. Sterling J. B. Wentling H. B. Eastman A. O. Waha A. E. Cohoon A. F. Hawes S. D. Kelleter C. S. Chapman S. J. Flintham C. O. Sparks A. T. Sagalo	do	59 2 93 35
	A. F. Hawes	do	35
	S. D. Kelleter	do	61 28
	C. S. Chapman	do	28
	S. J. Flintham	do	. 30
	C. O. Sparks	00	30
	D & Vilos	do	30 41 120 15
	W I Gardner	do	15
	W. J. Gardner C. W. Crist E. Koch	do	36
	E. Koch	do	36 72
	E. T. Allen	do	149
	A. S. Peck	do	18 425 27
	E. S. Bruce	do	425
	W. B. Howard	do	102
	P. Compkins	do	193 18
	H W Nowman	do	51
	H. P. Baker	-do	150
	H. N. Whitford.	do	15
	S. B. Detwiler	do	15 114 82
	E. T. Allen A. S. Peck E. S. Bruce W. B. Howard F. Tompkins R. G. Giffin H. W. Newman H. P. Baker H. N. Whitford S. B. Detwiler C. M. Taylor G. L. Clothier	do	82
	G. L. Clothier	do	42 94
	R. P. Imes	do	94
	A. T. Potter	do	152 7
	G. L. Clothier R. P. Imes A. T. Potter H. H. Chapman C. D. Howe W. R. McKinnon H. J. Tompkins F. E. Olmsted	do	61
	W R McKinnon	do	20
	H. J. Tompkins	do	146
			147

Date.	Name.	Nature of payment.	Total.
1903.		D	0070 00
Oct. 21	T. P. Lukinsdo	Expenses	\$273. 62 461. 19 58. 86
	do	Traveling expenses	401.19
	M. C. Jensen	do	76.70
	C Du Rois	do	76. 79 203. 07 38. 58 72. 20
	R. T. Fisher	do	38, 58
	C. Feagan	do	72, 20
	A. D. Hopkins	do	84. 51
	E. J. S. Moore	do	91. 30 95. 80
	S. Riley	do	95. 80
	J. M. Fetherolf	do	52. 21
	J. H. Hatton	do	139.97
	J. E. Barton	do	9. 20 211. 25
	W. I. Most	do	09 25
	V. H. Mast	do	56. 22
	E. E. Cartar	do	34 30
	F. Roth	do	98. 35 56. 22 34. 30 33. 02
	P. G. Redington	do	13, 60
	S. N. Spring	do	13. 60 108. 87
	A. B. Patterson	do	16, 65
	R. W. Malloon	do	33, 60
	M. C. Jensen. J. F. Baker C. Du Bois. R. T. Fisher C. Feagan A. D. Hopkins E. J. S. Moore S. Riley. J. M. Fetherolf J. H. Hatton J. E. Barton R. E. Benedict W. H. Mast M. Smith, jr E. E. C. Carter F. Roth P. G. Redington S. N. Spring A. B. Patterson R. W. Malloon A. G. Varela	do	. 86.05
	A. G. Varela H. B. Kempton A. B. Patterson	do	196. 48 26. 85
			26.85
	E. G. Hunter Eimer & Amend	Tygromotors	17.61
	Eimer & Amend Malinckrodt Chemical Works Whitall Tatum Co Geo. H. Fuller Desk Co J. H. Bunnell & Co C. S. Jenkins Sturtevant & Greely L. T. Thomson	Chemicals	39. 70 67. 60
. 22	Whitall Tatum Co	Bottles	7, 45
	Geo. H. Fuller Desk Co.	Bottles Desk and chair Key sockets	7. 45 53. 00
	J. H. Bunnell & Co.	Key sockets	1. 95 55. 00 5. 00
23	C. S. Jenkins	Map rack. Washstand	55.00
	Sturtevant & Greely	Washstand	5.00
	J. T. Thomson E. E. Cleveland Furniture Co		45.00
	E. E. Cleveland Furniture Co	Furniture Filing cabinet	91. 57 45. 00
	The H. & W. B. Drew Co.	Fling cabinet	9.00
,	The H. & W. B. Drew Co Abererombie & Fitch Z. F. Moody R. M. Follows W. St. procker	Heaters. Pasturing horse	15. 00
	R. M. Follows	Horse hire.	34.60
	W. Shoemaker.	Services	32.00
	W. Shoemaker C. G. Smith H. S. Betts E. R. Hodson A. Gaskill W. T. Cox F. W. Reed H. A. Paul W. H. Kobbi W. J. Gardner J. E. Gow	do	24, 40
24	H. S. Betts	Traveling expenses	6. 45 86. 24
	E. R. Hodson	do	86. 24
	A. Gaskill	do	326. 15 156. 89
	W. T. COX.	do	
	H A Paul	do	56.05 91.60
	W H Kobbi	do	20.40
	W. J. Gardner	do	211. 24
	J. E. Gow.	do	3.00
	W. L. Poterfield	do	49.08
	W. O. Langille	do	235, 61
	W. Gardine W. L. Poterfield W. O. Langille C. A. McCue C. D. Mell H. B. Hadley H. W. Newman B. L. Morston	do	58.78
	U. D. Mell	do	49. 80
	H W Norman	do	50. 05 81. 50
26	R L Marston	do	209. 84
20	H. O. Stabler	do	171. 50
	J. H. Bridges	do	110.93
	R. L. Marston H. O. Stabler J. H. Bridges G. Alleman	do	114 50
	Z. L. Bliss	do	142.70
-	H. O. Tunis	do	22.55
	F. A. Clarke	do	142.70 22.55 147.15 9.50
	H. M. SULTET.	do	9.50
27	W. L. Holl	Traveling expenses August	27. 50 120. 48
21	do	Traveling expenses, August	113. 80
	do	Traveling expenses, October	99. 90
	W. R. Ayers	Traveling expenses	32. 50
	H. D. Hartley	do	10.38
	Z. L. Bliss H. O. Tunis F. A. Clarke H. M. Sutter H. & W. B. Drew Co W. L. Hall dodo W. R. Ayers H. D. Hartley J. W. Warren E. A. Braniff	do	104.45
	E. A. Braniff	do	152, 30
	C. G. Crawford	do	14. 95 173. 20 48. 00
	G. E. Tower	That was Var	173. 20
29	Erker Bros. Optical Co	Photo. supplies	48.00
29	H. D. Hartley	do do	62. 00 31. 59
31	J. W. Warren E. A. Braniff C. G. Crawford G. E. Tower Erker Bros. Optical Co H. E. Burke H. D. Hartley Pere Marquette R. R. Co. Lehigh Valley R. R. Co.	Passenger transportation	34.68
0.1	Lehigh Valley R. R. Co.	dodo	140. 10
		,	210. 20

Date.	Name.	Nature of payment.	Total
1903.			
et. 31	Baltimore and Ohio R. R. Co	Passenger transportation	\$246. 8. 9.
	Santa Fe, Prescott and Phœnix Rwy. Co	do	8.
	Chicago, Milwaukee and St. Paul Rwy. Co	do	7
	The Pullman Co	do	16 5
	Rwy, Co.	do	ð
	Grand Trunk Rwy. Co	do	11
	Chicago and Northwestern Rwy. Co	do	11 41 82
	The Lake Shore and Michigan Southern Rwy.	do	54
	Co.	a.	00
	The Oregon R. R. and Navigation Codo.  Denver and Rio Grande R. R. Co	do	22 31
	Denver and Rio Grande R. R. Co	do	71
	New York, New Haven and Hartford R. R.	do	65 19
	Co.	do	
	37. 37 1 0 1 1 3 377 3 74 77 0	do	22 40
	Michigan Central R. R. Co	do	40
	Burlington and Missouri River R. R. Co	do	107
	do	do	84 23 56
	do do do	do	50
	Oregon Short Line R. R. Co.	do	1'
	New York Central and Hudson River R. R. Co. Michigan Central R. R. Co. do. Burlington and Missouri River R. R. Co. do. Pennsylvania R. R. Co. do. Oregon Short Line R. R. Co. do.	do	14
	Illinois Central R. R. Co.	do	1.8
	St. Louis and San Francisco R. R. Co	do	
	dododo Illinois Central R. R. Co St. Louis and San Francisco R. R. Co Great Northern R. R. Co Union Pacific R. R. Co.	do	130
	The Atchison, Topeka and Santa Fe Rwy. Co.	do	3
	Boston and Maine R. R. Co.	do	13
	Seaboard Air Line Rwy Co	do	2
	Great Northern R. R. Co. Union Pacific R. R. Co. The Atchison, Topeka and Santa Fe Rwy. Co. Boston and Maine R. R. Co. Northern Pacific Rwy. Co. Seaboard Air Line Rwy. Co. The Chicago, Burlington and Quincy R. R. Co.	do	1
	Co. Norfolk and Washington D. C. Steamhoot	do	
	Georgia Southern and Florida Rwy. Co	do	, ;
	Co. Norfolk and Washington, D. C., Steamboat. Georgia Southern and Florida Rwy. Co. Maine Central R. R. Co. Chicago, Indianapolis and Louisville Rwy.	do	
	Co.	ασ	
	Co. Baltimore, Chesapeake and Atlantic Rwy. Co. Southern Rwy. Co. do. Boston and Maine R. R. Co. Northern Pacific Rwy. Co. G. B. Sudworth et al E. A. Braniff. A. W. Cooper. J. F. Clark S. B. Detwiler. J. B. Anderson W. J. Gardner. A. F. Hawes R. P. Imes. T. P. Lukins. J. G. Peters	do	1 3
	do do	do	2
	Boston and Maine R. R. Co.	do	2
	Northern Pacific Rwy. Co.	Coloring	2 3 4,38
ov. 2	E. A. Braniff	Services	8
	A. W. Cooper	do	8
	S. B. Detwiler	do	4, 38 8 8 8
	J. B. Anderson	do	8
	W. J. Gardner	do	8
	R. P. Imes	do	8
	T. P. Lukins.	do	8
	J. G. Peters	do	8
	W. D. Sterrett.	do	8
	R. B. Wilson	do	8
	A. F. Potter	do	8 15
	T. P. Lukins J. G. Peters H. K. Porter W. D. Sterrett R. B. Wilson T. S. Woolsey, jr. A. F. Potter W. A. Langille J. C. Gifford E. T. Allen T. H. Sherrard L. E. Hunt W. L. Hall H. von Schrenk E. S. Bruce C. S. Chapman E. M. Griffith	do	15
	J. C. Gifford	do	15 15
	T. H. Sherrard	do	15 16
	L. E. Hunt	do	16 16
	H. von Schrenk	do.	16 21
	E. S. Bruce.	do	21
	C. S. Chapman	do	10 15
	G. S. Chapman E. M. Griffith C. S. Chapman G. Alleman R. B. Bartholomew W. Burbridge	Traveling expenses	150
3	G. Alleman	Services	6
	K. B. Bartnolomew	0D	1

#### Name. Nature of payment. Total. Date. 1903. \$119,40 Nov. 26.90 39. 13 22. 17 .82 5.71 189, 55 16.30 10.60 36, 52 32.612.45 2.4516.30 25.30 25, 30 25, 30 25, 30 25, 30 25.30 25.30 25, 30 25.30 25, 30 25. 30 25. 30 25, 30 25.30 25.30 25.30 25.30 25.30 25.30 25.30 25, 30 25, 30 25, 30 25, 30 25, 30 25,30 25,30 25.30 25, 30 40.40 40.40 40.40 40, 40 40, 40 40.40 40, 40 40.40 40.40 50, 50 50, 50 50.50 50.50 50.50 50.50 50.50 50,50 50, 50 50.50 50, 50 50.50

## $Expenditures\ of\ the\ Department\ of\ Agriculture\ for\ fiscal\ year\ ending\ June\ 30,\ 1904--Cont'd.$

Date.	Name.	Nature of payment.	Total.
1903.			
1903. ov. 3	H. D. Hartley W. I. Hutchinson M. C. Jensen R. S. Kellogg L. C. Miller E. J. S. Moore J. W. Riggs C. A. Scott J. W. Warren A. K. Chittenden G. E. Clement R. T. Fisher E. M. Hamilton W. C. Hodge, jr.	Services	\$60. 60. 60. 60.
	W. I. Hutchinson	do	60.
	M. C. Jensen	do	60.
	K. S. Kellogg	00	60.
	E I S Moore	do	60.
	J. W. Riggs	.do	60. 60. 60.
	C. A. Scott	do	60.
	J. W. Warren	do	60.
	A. K. Chittenden	do	101.
	G. E. Clement	do	101.
	E M Hamilton	do	101. 101.
	W. C. Hodge, jr. F. W. Reed E. A. Sterling R. G. Zou	do.	101. 101. 101. 101. 75. 75.
	F. W. Reed.	do	101.
	E. A. Sterling	do	101.
	R. G. Zou S. Riley. H. W. Newman W. R. McKinnon W. H. B. Kent R. G. Giffin G. Farley. F. A. Clarke E. G. Hunter E. R. Hodson C. DuBois E. A. Braniff H. Grinnell J. Woerner, jr Howard Latindry Co H. J. Tompkins E. T. Greene W. W. Everett	do	75.
	S. Riley	do	75.
	H. W. Newman	00	75. 75.
	W H R Kent	do	75. 75. 75. 75. 75.
	R. G. Giffin	do	75.
	G. Farley	do	75.
	F. A. Clarke	do	75.
4	E. G. Hunter	do	7.
	E. R. Hodson	do	40.
	E A Propiff	Traveling avenues	101. 132.
	H Grinnell	do	67
	J. Woerner, ir.	Tires	8.
5	Howard Latindry Co	Laundering towels	8. 2. 117.
	H. J. Tompkins	Services	117.
	E. T. Greene	do	29. 25.
	W. W. Everett.	do	25.
	C H Harty	Traveling avnenses	25. 187.
	B. 1 Greens W. W. Everett R. D. Craig C. H. Herty T. F. Borst	dodo.	
	J. F. Bond. J. C. Gifford. C. Du Bois. A. O. Waha.	do	92. 6. 400. 150. 2. 66.
	J. C. Gifford	do	400.
6	C. Du Bois	do	150.
7	A. U. Wana.	do	66
'	G. L. Clothier W. B. Howard W. F. Hubbard W. C. Martin	dodo	97
9	W. F. Hubbard	do	97. 70.
	W. C. Martin	Services	99
	W. R. Lazenby	do	25. 17. 19.
10	J. F. Bond	Traveling expenses	17.
	E D Wodson	do	43.
11	G E Clement	do	167
13	W. R. Lazenby J. F. Bonddo E. R. Hodson G. E. Clement A. D. Hopkins H. D. Burrall S. Pilor	do	167. 109.
	H. D. Burrall	do	20
	S. RileydodododoChurch & Stephenson Barber & Ross M. Du Perow W. G. Johnston & Co R. P. Andrews & Co. (Incorporated) M. G. Copeland Co Lutz & Co Herman Baumgarten The J. C. Ergood Co	do	141. 44. 17.
	Tr A Cmith	do	44.
	do	Services	56
	Church & Stephenson	Lumber	48.
	Barber & Ross	Shears, etc	12. 37.
	M. Du Perow	. Electric supplies	37.
	W. G. Johnston & Co	Ledgers and leaves	33.
	R. P. Andrews & Co. (Incorporated)	Paste, etc	14.
	Lutz & Co	Camara casas	7
	Herman Baumgarten	Sign marker.	14. 12. 7. 5.
	The J. C. Ergood Co.	. Soap	2.
	The Maurice Joyce Engraving Co	Dies	2. 1. 112.
14	The J. C. Ergood Co. The Maurice Joyce Engraving Co. W. F. Hubbard A. E. Cohoon	. Traveling expenses	112.
16			79. 57.
	do	do	119.
	do. F. Tompkins C. H. Herty	do	119. 389.
	C. H. Herty	do	240.
	E. M. Griffith	do	198.
	G. Alleman	do	240. 198. 156. 67.
	E. M. Griffith G. Alleman M. C. Jensen W. H. B. Kent	do	150.
17	W. H. B. Kent J. Appleton R. F. Nash E. S. Bruce	do	92
	D F Noch	Services	92. 17.

### Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

Date.	Name.	Nature of payment.	Total.
1903.			
Nov. 17	R. G. Giffin E. Koch E. T. Greene F. E. Olmsted C. A. McCue L. E. Hunt H. D. Aller B. E. Babeock C. L. Hill, administratordo T. P. Lukins W. H. Mast W. J. Gardner S. B. Detwiler C. A. Scott E. J. S. Moore J. W. Warren A. W. Cooper S. Tompkins R. F. Fisher E. B. Fulks P. B. Fulks	Traveling expenses	\$165.50
	E. Koch	Services	84. 20 58. 74 147. 60
	E. T. Greene.	Traveling expenses	58, 7 <del>4</del>
18	C. A. McCue	do	94.41
10	L. E. Hunt	do	81.05 48.30
	H. D. Aller	do	48.30
	B. E. Babcock	do	60.85
	C. L. Hill, administrator	Sarriage	80, 47 78, 29
	T. P. Lukins	Traveling expenses	635, 85
	W. H. Mast.	do	635.85 307.30
	W. J. Gardner.	do	228 83
	S. B. Detwiler	do	212. 45 168. 40 107. 38
	E I S Moore	do	105.40
	J. W. Warren	do	90. 12
	A. W. Cooper	do	69, 88
	S. Tompkins	do	55, 80
	R. F. Fisher	do	55. 19
	E. B. Fulks. E. R. Secrest	do	46. 70 44. 53
	E. R. Secrest W. K. Hatt W. R. McKinnon	do	38, 40
	W. R. McKinnon	do,	17.00
	W. R. McKinnon J. E. Gow. W. I. Ward W. Baxter. Henry Driml W. A. Hanmann I. N. Bovee. Post-Office Department P. F. Little. J. W. Toumey. R. E. Benediet J. H. Hatton Z. L. Bliss. J. P. Wentling.	do	12. 20
	W. I. Ward	Corriege	0.80
	Henry Driml	do	6. 86 78. 75 45. 50
	W. A. Hanmann.	do	33. 75 23. 69 8. 00
	I. N. Bovee.	do	23, 69
	Post-Office Department	Maps	8.00
19	I W Toumey	Traveling expenses	114. 75 122. 44
10	R. E. Benedict	do	221, 15
*	J. H. Hatton.	do	221. 15 156. 78 85. 19
	Z. L. Bliss	do	85. 19
	J. P. Wentling	do	43. 52
	H. D. Scudder W. W. Cheever W. T. Cox	do	25. 40 21. 80 9. 33
	W. T. Cox	do	9. 33
	G. S. Cleland T. S. Woolsey, jr Geo. Griswold. G. B. Sudworth	do	2, 40
	T. S. Woolsey, jr.	do	51.30
20	Geo. Griswold	Services	24.46 437.58
20	F. Thornton	Services	23. 75
	F. Thornton. Amberg File and Index Co. do. W. J. Woods.	File case	23.75 90.40
	do	do	60,00
	W. J. Woods	Glue, etc.	36.90
	J. W. Fawcett. W. E. Stockett & Co. Jno. Underwood & Co. Thos. Balfour	Shades	3, 55 2, 70 2, 25
	Jno. Underwood & Co.	Record ribbons	2, 25
21	Thos. Balfour	Portfolios Record ribbons Traveling expenses	242.15
	L. E. Hunt	do	110 85
	E. M. Griffith	do	82 10
	L. E. Hunt C. S. Chapman E. M. Griffith H. S. Graves H. J. Tompkins H. K. Porter Amos Shambaugh The Chesapeake and Potomac Telephone Co Washington Gaslight Co W. H. Rupp Co do	do	111. 60 82. 10 20. 70 16. 90
	H. J. Tompkins	do	16.90
	H. K. Porter	do	12.85
	The Chasenes ke and Potomes Telephone Co	Services	12. 85 45. 00 86. 50
	Washington Gaslight Co	Gas	. 20
	W. H. Rupp Co.	Pen racks, etc.	13, 30
	do	Notebooks.	1.50 45.00
	Woodruff Manufacturing Co	File case	45.00
	do	Card index case	13.00
23	J. H. Bunnell & Co	Electric supplies	111.90 9.84
	A. Driml J. H. Bunnell & Co C. P. Goerz	Hay Electric supplies Field glasses Traveling expenses. Wooden calipers, etc. Traveling expenses.	266.00
	Michael Johnson	Traveling expenses	25, 90
24	W. & L. E. Gurley	Wooden calipers, etc	63.00
24	Michael Johnson W. & L. E. Gurley H. A. Paul. H. E. Burke.	do do	94.05 44.15
25	C. O. Sparks	do	38.00
	E. A. Ziegler	do	21.10
	A. S. Peck	do	12.15
30	H. E. Bulke C. O. Sparks E. A. Ziegler A. S. Peck A. O. Waha A. W. Cooper J. G. Peters W. D. Sterrett	Corriege	2.40
UU	A. W. Cooper	Services	81.60
	J. G. Peters	do	81.60

## $Expenditures\ of\ the\ Department\ of\ Agriculture\ for\ fiscal\ year\ ending\ June\ 30,\ 1904--Cont'd.$

Date.	Name.	Nature of payment.	Tot
1903.			
Nov. 30	J. E. Keach	Services	8-
	J. E. Reach J. H. Ramskill J. F. Bond H. D. Burrall E. G. Cheyney G. H. Cecil A. H. Pierson B. J. Teasdale W. G. Dugbin	do	\$
	J. H. Ramskill	do	ě
	J. f. Bond	00	-
	E. G. Chevnov	do	
	G H Cecil	do	-
	A. H. Pierson B. J. Teasdale W. G. Durbin A. W. Cooper G. B. Sudworth et al. W. K. Hatt C. H. Herty L. E. Hunt T. H. Sherrard E. T. Allen J. C. Gifford E. M. Griffith W. A. Langille A. F. Potter A. K. Chittenden C. S. Chapman G. E. Clement Coert Du Boise R. T. Fisher W. C. Hodge, jr. Geo. E. Marshall F. W. Reed E. A. Sterling E. A. Sterling E. A. Sterling E. A. Sterling E. A. Staniff G. L. Clothier J. F. Clark W. J. Gardner A. F. Hawes Elers Koch T. P. Lukins L. C. Miller H. K. Porter T. S. Woolsey, jr Mark Burns F. A. Clarke M. W. Ely Geo. F. Faley R. G. Giffin W. H. B. Veren H. K. Porter T. S. Garlier F. A. Clarke M. W. Ely Geo. Farley R. G. Giffin H. M. P. Levet	do	3
	B. J. Teasdale	do	2
	W. G. Durbin	do	1
	A. W. Cooper	Traveling expenses	4, 39
	G. B. Sudworth et al.	Salaries	4, 39
Dec. 1	W. K. Hatt.	Services	18
	C. H. Herty	do	18 16 16
	T H Charrand	00	10
	E T Allen	do	10
	J C Gifford	do	14 14 14 14
	E. M. Griffith	do	14
	W. A. Langille	do	14
	A. F. Potter	do	14
	A. K. Chittenden	do	(
	C. S. Chapman	do	(
	G. E. Clement	do	9
	Coert Du Boise	do	3
	W. C. Hodge in	00	14
	Goo F Marshall	do	
	F W Reed	do	ć
	E. A. Sterling	do	Č
	E. A. Braniff	do	Ç Ç
	G. L. Clothier.	do	
	J. F. Clark	do	8
	W. J. Gardner	do	8
	A. F. Hawes	do	1 8
	Elers Koch	do	8
	T. P. Lukins	00	8
	L. C. Miller	00	8
	T S Woolsey ir	do	8
	Mark Burns	do	Č
	F. A. Clarke	do	7
	M. W. Ely.	do	7
	M. W. Ely Geo. Farley R. G. Giffin W. H. B. Kent W. R. McKinnon Smith Riley R. G. Zon R. E. Benedict A. F. Caboon	do	7
	R. G. Giffin	do	7
	W. H. B. Kent	do	7
	W. K. McKinnon	00	7
	P. C. Zon	do	77
	R E Repediet	do	5
	A E Cohoon	do	Ē
	E. B. Foulks	do	64 64 64
	H. D. Hartley	do	5
	W. I. Hutchinson	do	£
	R. G. Zon .*  R. E. Benedict A. E. Cohoon E. B. Foulks H. D. Hartley W. I. Hutchinson M. C. Jensen R. S. Kellogg E. J. S. Moore J. W. Riggs C. A. Scott J. W. Warren Cornelius Barry T. F. Borst Z. L. Bliss H. G. Burke W. T. Cox C. Feagan E. T. Greene J. H. Hatton Frank Klarpp W. H. Mast C. O. Sparks Frank Tompkins Sidney Tompkins Sidney Tompkins G. E. Tower J. C. Blumer J. D. Guthrie W. B. Howard F. R. Miller T. G. Phillips	do	5
	R. S. Kellogg	do	55555
	E. J. S. Moore	0D	5
	J. W. Kiggs	do	Đ
	I W Warren	do	5 4
	Cornelius Rarry	do	4
	T. F. Borst.	do	4
	Z. L. Bliss	do	4
	H. G. Burke	do	4
	W. T. Cox.	do	4
	C. Feagan	do	4
	E. T. Greene	do	4 4
	J. H. Hatton	do	4
	Frank Klarpp	do	4
	W. H. Mast	0D	4
	U. U. Sparks	00	4
	Frank Tompkins	00	4
	G F Tower	00	4 4 3 3
	I C Blumer	do	3
	J D Guthrie	do	3
	W B Howard	do	3 3
	F R Miller	do	3
			0

Date.	Name.	Nature of payment.	Total
1903.			
c 1	H. A. Paul S. P. Woolfolk A. O. Waha J. P. Wentling H. D. Scudder E. A. Ziegler P. W. Ayres R. H. Allen H. D. Aller E. E. Adams	Services	\$39
	A. O. Waha	do	39
	J. P. Wentling	do	38
	H. D. Scudder	do	31
	P. W. Avres	do	3:
	R. H. Allen	do	24
	H. D. Aller	do	24
	W. Burbridge	do	2-2-
	E. E. Bogue	do	2
	B. E. Babcock	do	2.
	G. S. Cleland	do	2-2-2-
	C. W. Edgerton	do	2
	W. W. Evertt	do	2.
	C. D. Howe	do	24 24
	H. D. Aller E. E. Adams W. Burbridge E. E. Bogue B. E. Babcock Thos. Balfour G. S. Cleland C. W. Edgerton W. W. Evertt H. M. Hale C. D. Howe W. L. Jepson Louis Krautter, jr C. A. Norton F. J. Phillips A. S. Peck W. L. Porterfield Max. Rothkugel C. H. Sellers	do	2.
	Louis Krautter, jr.	do	2
	F. J. Phillips	do	2 2
	A. S. Peck	do	2
	W. L. Porterfield.	do	2
	Max. Rothkugel C. H. Sellers	do	2-2-2-
	E. R. Sectist	do.	2.
	H. O. Tunis J. W. Toumey W. J. Ward	do	2.
	J. W. Toumey	do	2.
	L. L. White	do	2-2-2-
	G. Alleman	do	6
	E. S. Bruce W. W. Cheever	do	20
	W. Cheever S. B. Detwiler H. J. Holsinger Michael Johnson H. J. Tompkins R. B. Wilson	do	20 54
	H. J. Holsinger	do	29
	Michael Johnson	do	30
	R B Wilson	do	11-
			4
	Woodward & Lothrop	Desks, etc.	20. 11:
	Woodward & Lothrop Remington Typewriter Co. District of Columbia Paper Manufacturing Co	Blotting paper	11
	J. B. Lambie Co. National Electric Supply Co. Delano & Moore Francis Miller	Sand paper, etc. Leather belting, etc Electric supplies Photo supplies	2:
	Delano & Moore	Photo supplies	139
	Francis Miller	On, etc	10.
	do	Numbering machine	13
	W. J. Zeh	Coal Electric supplies	15
	do do W. J. Zeh. M. Du Perow.	Electric supplies	15 18
	do		18
	Hugh Reilly	Shellac, etc	
0	do	Varnich etain	
2	Holmes & Co. W. E. Stockett & Co. J. G. Smith. D. E. Burton.	Rubber gloves	
1	J. G. Smith.	Penholders.	2
	D. E. Burton	Ax handles	
	Lutz & Co	Camera case, etc	8
	Jutz & Co. Jas. Nicholson & Sons W. & L. E. Gurley	Compass	3
	Keuffel & Esser. Manhattan Electric Supply Co.	Calipers, etc.	18
	Mannattan Electric Supply Co	Insulators	4
	Cox Seed Co. J. H. Bunnell & Co.	Electric supplies	2
	M. G. Copeland Co	Tarpaulin	5
	R. P. Andrews & Co. (Incorporated)	Clips	7
	D. Richenbacher Wm. Brown	Repairs to clock	2
	Geo. E. Corbett	Photo glass	8
3	J. R. Collins	Bags	4
4	H. B. Kempton		282 339
	Alfred Gaskill A. E. Cohoon	uU	338 69

Date.	Name.	Nature of payment.	Total.
1903.			
ec. 4	C. Feagan E. T. Allen	Traveling expenses	\$72. 13. 69. 23. 74.
	E. T. Allen	do.	13.
	E. S. Bruce.	do	69.
	R. G. Giffin	do	23.
	E. T. Greene	do	74.
	W. B. Howard	00	
	A F Pottor	do	70. 95. 23.
	W. L. Porterfield	do	99.
	R. G. Zon	do	11.
	H. B. Halroyd	Service	24.
	Douglas Rodman	do	24.
	G. J. Tangott.	do	24.
5	J. E. Burton	do	24.
	J. E. COW	do	24.
	W. R. Lozenby	00	24.
	Rlancha Nawman	do	24.
	H von Schronk	do	503
	W. H. B. Kent	Traveling expenses	180
	F. L. Nichols	Machine, etc.	203. 180. 216.
	S. Kann Sons & Co	Cloths	9.
	C. Feagan E. T. Allen E. T. Allen E. S. Bruee R. G. Giffin E. T. Greene W. B. Howard Elers Koch A. F. Potter W. L. Porterfield R. G. Zon H. B. Halroyd Douglas Rodman G. J. Tangott J. E. Burton J. E. Gow W. R. Lozenby W. C. Martin Blanche Newman H. von Schrenk W. H. B. Kent F. L. Nichols S. Kann Sons & Co R. B. Merchant, Post-Office Department. G. E. Marshall J. W. Rigs R. S. Hosmer J. W. Warren R. T. Fisher G. L. Clothier H. O. Tunis Z. L. Bliss Atlantic Coast Line R. R. Co odo do do do do	Maps	9. 3. 229.
7	G. E. Marshall	Traveling expenses	229.
8	J. W. Kiggs	do	37. 109. 92. 77.
	K. S. HOSHIET	do	109.
	R T Ficher	do	77
	G L Clothier	do	70.
	H. O. Tunis	do	26.
	Z. L. Bliss	do	26. 19.
	Atlantic Coast Line R. R. Co	Passenger transportation	30
	Southern Rwy. Co	do	106.
	do	do	106. 27. 113.
		do	113.
	do d	do	22. 21.
	California Northwestern Rwy Co	dodo	22.
	Astoria and Colorado River R. R. Co.	do	9.
	Atlantic, Knoxville and Northern Rwy. Co	do	6.
	Southern California Rwy. Co	do	· 71. 265.
	dodododo California Northwestern Rwy. Co Astoria and Colorado River R. R. Co Atlantic, Knoxville and Northern Rwy. Co Southern California Rwy. Co H. S. Davis. R. P. Imes H. A. Smith	Machines	265.
10	R. P. Imes. H. A. Smith. J. K. Bishop. Wm. Brown. The J. C. Ergood Co. Howard Laundry Co. Francis Miller.	Services	81. 63.
	I K Rishon	Dises	27.
	Wm Brown	Hauling	2
	The J. C. Ergood Co.	Lye, etc.	5.
	Howard Laundry Co	Laundering towels	5. 2. 1.
	Francis Miller	Turpentine	1.
	J. C. Parker	Hauling Lye, etc Laundering towels. Turpentine Paper, etcdo Typewriter chairs Paper Transportation	91.
1.1	D. F. Parker W. B. Moses & Sons E. Morrison Paper Co. The G. W. Knox Express Co.	Typewriter chairs	97.
11	E Morrison Paper Co	Paner	39
	The G. W. Knox Express Co.	Transportation	24. 7. 6. 82.
	do	do	7.
	do United States Express Co.	do	6.
	United States Express Co	do	82.
	do	do	36. 22.
	D C Pollontypo	Pong	21.
12	G F Clament	Traveling expenses	50.
12	do do .  R. C. Ballantyne .  G. E. Clement .  S. B. Detwiler .  C. W. Edgerton .  Alfred Gaskill .  E. T. Greene .  C. D. Howe	do	179.
	C. W. Edgerton.	do	179. 48.
	Alfred Gaskill	do	157.
	E. T. Greene	do	7.
	C. D. Howe	do	60.
	E. T. Greene C. D. Howe A. F. Hawes H. B. Holroyd C. H. Herty J. H. Hatton	do	24.
	C H Herty	do	158
	I H Hatton	-do-	158. 74.
	do M. C. Jensen E. J. S. Moore.	do	22
	M. C. Jensen	do	61. 7. 1,030.
	E. J. S. Moore	do	7.
	Gifford Pinchot	do	1,030.
	Gifford Phenot. H. A. Smith. Frank Tompkins. Sidney Tompkins. A. O. Waha. J. C. Gifford.	do	20.
	Frank Tompkins	do	20. 280. 80.
	Sidney Tompkins	do	2.
	A. V. Walld	UV	13.

Date.	Name.	Nature of payment.	Total.
1903.			
ec. 14	W. A. Langille American Woodworking Machine Co. Emil Estenson Woodward & Lothrop A. C. Rowe Archie Ayers I. N. Bovee Henry Driml	Traveling expenses	\$34.
	American Woodworking Machine Co	Saw	4.
	Emil Estenson	Cones	38.
	A C Rowe	Fire extinguishers	4. 38. 167. 96.
	Archie Avers	Services	22.
	I. N. Bovee.	do	22. 35.
	Henry Driml	do	36.
	Henry Drimi Anton Drimi W. A. Langille C. A. Scott. J. C. Blumer T. P. Lukins W. K. Hatt A. E. Oman	do	26.
15	W. A. Langille	Traveling expenses	80. 139.
	I C Rhimer	do	43.
	T. P. Lukins	do	479.
17	W. K. Hatt	do	88.
	A. E. Oman	Services	24.
	R. D. Craig	do	31. 56.
	Delano & Moore	Cramer banner plates	56.
18	The Atchiego Topola and Conta To Day Co.	Paggangar transpartation	23. 40.
10	A. D. Craig Delano & Moore Eberhard Faber The Atchison, Topeka and Santa Fe Rwy. Co. Chicago, St. Paul, Minneapolis and Omaha Rwy. Co.	do	18.
	Chicago, Milwaukee and St. Paul Rwy, Co	do	18.
	Chicago Great Western Rwy. Co	do	8.
	Central Vermont Rwy. Co	do	14.
	Chicago, Milwaukee and St. Paul Rwy. Co Chicago Great Western Rwy. Co Central Vermont Rwy. Co Louisville and Nashville R. R. Co Pittsburg, Cincinnati, Chicago and St. Louis	do.:	9.
	Rwy. Co.	do	19.
	Missouri, Kansas and Texas Rwy. Co	do	8.
	Northern Pacific Rwy. Co.	do	119.
	Central of Georgia Rwy. Co	do	6.
	California Northwestern R. R. Co	do	11.
	North Shore R. R. Co	do	2. 5.
			Э.
	Intercolonial Rwy. Co. Duluth and Iron Range R. R. Co. The Chesapeake and Ohio R. R. Co. Nashville, Chattanooga and St. Louis Rwy.	do	5.
	Duluth and Iron Range R. R. Co.	do	10.
	The Chesapeake and Ohio R. R. Co.	do	60.
	UO.		9.
	Oregon Short Line R. R. Co	dodo	73. 27.
	Seaboard Air Line Rwy. Co	do	6. 41.
	Illinois Control P. P. Co.	do	10.
	Michigan Central R R Co	do	136
	The Missouri Pacific Rwy, Co.	do	136. 7.
	Seaboard Air Line Rwy. Co. Southern California Rwy. Co. Illinois Central R. R. Co. Michigan Central R. R. Co. The Missouri Pacific Rwy. Co. New York Central and Hudson River R. R.	do	50.
	Co.		
	The Wabash R. R. Co.	do	23.
	Atlantic Coast Line R. R. Co	00	28.
	Raltimore and Ohio R. R. Co.	do	10
	do	do	51. 19. 62.
	Burlington and Missouri River R. R. Co	do	138.
	do	do	168. 86.
	Co. The Wabash R. R. Co	do	86.
	The Chicago Rurlington and Quincy Day	do	8. 32.
	Co.		02.
	do	do	6.
	do	do	7.
	The Colorado and Southern Rwy. Co	do	11.
	do The Colorado and Southern Rwy. Codo. Denver and Rio Grande R. R. Codo The Oregon R. R. and Navigation Codo.	do	26. 109.
	do.	do	46
	The Oregon R. R. and Navigation Co	do	46. 182. 8.
	do	do	8.
	Great Northern Rwy. Co	do	44.
	Pennsylvania R. R. Co.	do	54. 9.
	The Oregon R. R. and Navigation Codododododododo	do	69.
	do	do.	38.
	do	do	48.
	do	do	48. 43.
	The Pullman Co	do	37.
	Southern D. D. Co.	do	69.
	Southern R. R. Cododo	do	17. 15.
			10.

Date.	Name.	Nature of payment.	Total.
1903.			
Dec. 19	W. J. Gardner	Traveling expenses	\$115, 15
	C. Feagan	do	77.55
	W. J. Gardner C. Feagan G. Alleman C. O. Sparks J. C. Clark R. E. Benedict J. W. Toumey H. A. Paul H. E. Burke do Erker Bros. Optical Co Church & Stephenson R. Clarke Co J. Ross Collins	do	77.55 117.70 69.11
	J. C. Clark	do	129. 03
	R. E. Benedict	do	111.50
	J. W. Toumey	do	55. 45
	H. A. Paul.	do	62.58
	do	do	27.58 44.00
	Erker Bros. Optical Co	Photo supplies	41.18
01	Church & Stephenson	Lumber	73.80
21	R. P. Clarke Co. J. Ross Collins. Georgia Southern and Florida Rwy. Co. Missouri, Kanasa and Texas R. R. Co. Rufus B. Merchant. L. E. Hunt. E. B. Fulks S. J. Holsinger T. H. Sherrard	Towels	23.40 7.50
	Georgia Southern and Florida Rwy, Co.	Passenger transportation	4.8
	Missouri, Kansas and Texas R. R. Co	do	4. 58
22	Rufus B. Merchant.	Maps	3. 20 128. 5
	L. E. Hunt	Traveling expenses	128.5
	S. I. Holeingar	do	107. 70
	T. H. Sherrard	do	77. 1. 174. 8
	E. T. Allen	do	116.4
00	Heisig & Novill (Incorporated)	Supplies	163. 93 97. 80 52. 18
26 28	E. T. Allen. Heisig & Novill (Incorporated). E. M. Hamilton. A. K. Chittenden	Dervice	97. 8
40	J. B. Anderson	Services	81.6
	J. B. Anderson. Adams Express Co. .do.	Services. Transportationdo	65.50
	do	do	16.8
	do	Doggood to page the tien	72.58
29	Union Pacific R. R. Co. F. A. Clarke R. P. Imes	Passenger transportation	43, 90
20	R. P. Imes	Traveling expensesdo	46. 68 42. 38
	A. W. Cooper.	do	74.00
	A. E. Oman	do	21.00
	TT O ftp /		
31	H. O. Tunis	Services	25, 30
31	A. W. Cooper A. E. Oman H. O. Tunis G. B. Sudworth et al	Services. Salaries.	21.00 25.30 4,989.08
31	Total second quarter		75.848 64
	Total second quarter		75.848 64
1904.	Total second quarter		75.848 64
	Total second quarter		75.848 64
1904.	Total second quarter		75.848 64
1904.	Total second quarter		75.848 64
1904.	Total second quarter		75.848 6
1904. Jan. 2	Total second quarter		75.848 64
1904. Jan. 2	Total second quarter		75.848 64
1904. Jan. 2	Total second quarter		75.848 6
1904. Jan. 2	Total second quarter		75.848 6
1904. Jan. 2	Total second quarter		75.848 6
1904. Jan. 2	Total second quarter		75.848 6
1904. Jan. 2	Total second quarter		75.848 6
1904. Jan. 2	Total second quarter		75.848 6
1904. Jan. 2	Total second quarter		75.848 6
1904. Jan. 2	Total second quarter		75.848 6
1904. Jan. 2	Total second quarter		75.848 6
1904. Jan. 2	Total second quarter		75.848 6
1904. Jan. 2	Total second quarter		75.848 6
1904. Jan. 2	Total second quarter		75.848 6
1904. Jan. 2	Total second quarter		75.848 6
1904. Jan. 2	Total second quarter		75.848 6
1904. Jan. 2	Total second quarter		75.848 6
1904. Jan. 2	Total second quarter		75.848 6
1904. Jan. 2	Total second quarter		75.848 6
1904. Jan. 2	Total second quarter  B. B. Wilson W. K. Hatt W. C. Hodge, jr R. G. Zou M. Rothkrugel H. S. Allen E. E. Adams P. W. Ayres R. H. Aflen T. Balfour J. E. Barton B. E. Babcock E. E. Bogue H. D. Burrall W. Burbridge E. G. Cheyney G. H. Cecil C. W. Edgerton W. W. Everett J. E. Gow H. M. Hale C. D. Howe W. L. Jepson L. Krautter, jr W. R. Lazenby C. A. Norton A. E. Oman W. L. Porterfield A. H. Pierson D. Rodman	Traveling expenses  Services  do  do  do  do  do  do  do  do  do  d	75.848 6
1904. Jan. 2	Total second quarter  B. B. Wilson W. K. Hatt W. C. Hodge, jr R. G. Zou M. Rothkrugel H. S. Allen E. E. Adams P. W. Ayres R. H. Aflen T. Balfour J. E. Barton B. E. Babcock E. E. Bogue H. D. Burrall W. Burbridge E. G. Cheyney G. H. Cecil C. W. Edgerton W. W. Everett J. E. Gow H. M. Hale C. D. Howe W. L. Jepson L. Krautter, jr W. R. Lazenby C. A. Norton A. E. Oman W. L. Porterfield A. H. Pierson D. Rodman	Traveling expenses  Services  do  do  do  do  do  do  do  do  do  d	75, 848. 6  . 21. 5 189. 5 101. 1 75. 8 33. 1 25. 3 25
1904. Jan. 2	Total second quarter  B. B. Wilson W. K. Hatt W. C. Hodge, jr R. G. Zou M. Rothkrugel H. S. Allen E. E. Adams P. W. Ayres R. H. Aflen T. Balfour J. E. Barton B. E. Babcock E. E. Bogue H. D. Burrall W. Burbridge E. G. Cheyney G. H. Cecil C. W. Edgerton W. W. Everett J. E. Gow H. M. Hale C. D. Howe W. L. Jepson L. Krautter, jr W. R. Lazenby C. A. Norton A. E. Oman W. L. Porterfield A. H. Pierson D. Rodman	Traveling expenses  Services  do  do  do  do  do  do  do  do  do  d	75, 848. 6  . 21, 5 189, 5 101, 1 175, 8 33, 11 25, 3
1904. Jan. 2	Total second quarter  B. B. Wilson W. K. Hatt W. C. Hodge, jr R. G. Zou M. Rothkrugel H. S. Allen E. E. Adams P. W. Ayres R. H. Aflen T. Balfour J. E. Barton B. E. Babcock E. E. Bogue H. D. Burrall W. Burbridge E. G. Cheyney G. H. Cecil C. W. Edgerton W. W. Everett J. E. Gow H. M. Hale C. D. Howe W. L. Jepson L. Krautter, jr W. R. Lazenby C. A. Norton A. E. Oman W. L. Porterfield A. H. Pierson D. Rodman	Traveling expenses  Services  do  do  do  do  do  do  do  do  do  d	75, 848. 6  . 21, 5 189, 5 1001, 11 75, 84 33, 11 32, 33 25, 33 2
1904. Jan. 2	Total second quarter  B. B. Wilson W. K. Hatt W. C. Hodge, jr R. G. Zou M. Rothkrugel H. S. Allen E. E. Adams P. W. Ayres R. H. Aflen T. Balfour J. E. Barton B. E. Babcock E. E. Bogue H. D. Burrall W. Burbridge E. G. Cheyney G. H. Cecil C. W. Edgerton W. W. Everett J. E. Gow H. M. Hale C. D. Howe W. L. Jepson L. Krautter, jr W. R. Lazenby C. A. Norton A. E. Oman W. L. Porterfield A. H. Pierson D. Rodman	Traveling expenses  Services  do  do  do  do  do  do  do  do  do  d	75, 848. 6  1.1.5 189. 5 189. 5 180. 1 175. 8 33. 1 1 25. 3
1904. Jan. 2	Total second quarter  B. B. Wilson W. K. Hatt W. C. Hodge, jr R. G. Zou M. Rothkrugel H. S. Allen E. E. Adams P. W. Ayres R. H. Aflen T. Balfour J. E. Barton B. E. Babcock E. E. Bogue H. D. Burrall W. Burbridge E. G. Cheyney G. H. Cecil C. W. Edgerton W. W. Everett J. E. Gow H. M. Hale C. D. Howe W. L. Jepson L. Krautter, jr W. R. Lazenby C. A. Norton A. E. Oman W. L. Porterfield A. H. Pierson D. Rodman	Traveling expenses  Services  do  do  do  do  do  do  do  do  do  d	75, 848. 6  . 21. 5 189. 5 100. 1 175. 8 33. 11 25. 3
1904. Jan. 2	Total second quarter	Traveling expenses  Services  do  do  do  do  do  do  do  do  do  d	75, 848. 6  . 21. 5 189. 5 100. 1  75. 8 33. 1. 1 25. 3

	Name.	Nature of payment.	Tota
		1	
4	J. S. Guthrie	Services	\$4
	E. R. Hodson W. B. Howard H. A. Paul J. H. Ramskil H. D. Scudder J. P. Wentling A. O. Waha E. A. Ziegler T. F. Borst C. Barry C. Feagan E. T. Greene	do	4
	W. B. Howard	do	4
	H. A. Paul	do	4
	J. H. Kamskiii	do	4
	I. D. Scudder	do	4
	A O Waha	do	4
	E A Ziegler	do	4
	T. F. Borst	do	5
	C. Barry	do	5
	C. Feagan	do	5
	E. T. Greene	do	50
	M. Johnson	do	5
	F. Klarpp	do	50 50 50
	J. E. Keach	do	5(
	C. F. Tower	do	50
	S Tompkine	do	50
	G Alleman	do	50
	A. E. Cohoon	do	60
	W. G. Durbin	do	6
	E. B. Fulks	do.	6
	M. C. Jensen	do	6
	W. J. Hutchinson	do	6
	H. D. Hartley	do	6
	C. Barry C. Feagan E. T. Greene M. Johnson F. Klarpp J. E. Keach W. H. Mast G. E. Tower S. Tompkins G. Alleman A. E. Cohoon W. G. Durbin E. B. Fulks M. C. Jensen W. J. Hutchinson H. D. Hartley R. S. Kellogg C. A. Scott J. W. Warren M. Burns F. A. Clarke M. W. Ely G. Farley W. R. McKinnon S. Riley J. B. Anderson E. A. Renniff	do	6
	C. A. Scott	do	6
	J. W. Warren	do	6
	M. Burns	do	7.
	F. A. Clarke	00	7
	M. W. Ely.	00	75
	W D McVinnon	do	78 78 78
	C Dilor	do	7
	J. B. Anderson	do	8
	E A Rraniff	do	0
	A. W. Cooper	do	8
	G. L. Clothier	do	8: 8: 8:
	J. F. Clark	do	8
	W. B. Gardner	do	8-
	A. F. Hawes	do	8-
	J. B. Anderson E. A. Braniff A. W. Cooper G. L. Clothier J. F. Clark W. B. Gardner A. F. Hawes R. P. Imes E. Koch	do	8: 8: 8:
	E. Koch	do	84
	E. Koch T. P. Lukens L. E. Miller H. K. Porter	do	84
	L. E. Miller	00	84 84 84
	I C Potoro	dodo	8
	W D Starrett	do	84
	T S Woolsey ir	do	8-
	A. K. Chittenden	do	10
	C. S. Chapman	do	10
	Geo. E. Clement	do	10: 10:
	H K. Porter J. G. Peters W. D. Sterrett. T. S. Woolsey, jr A. K. Chittenden C. S. Chapman Geo. E. Clement C. Du Bois. R. T. Fisher	do	10:
	R. T. Fisher	do	10:
	C. Du Bois. R. T. Fisher. G. E. Marshall. E. A. Sterling. E. T. Allen. E. M. Griffith. W. A. Langille. A. F. Potter. E. S. Bruce. H. von Schrenk. F. M. Patton. D. Skeels. J. L. Bliss.	do	10
	E. A. Sterling	do	10: 15:
	E. T. Allen	00	15.
	W A Langilla	do.	15: 15:
	A. F. Potter	do	15.
	E. S. Bruce	do	15: 210
	H. von Schrenk	do	210
	F. M. Patton	do	26
	D. Skeels	do	26
	J. L. Bliss	do	3(
	J. L. Bliss S. N. Spring H. A. Tompkins	do	38
	H. A. Tompkins	do	38 117 168
	L. E. Hunt		168
	C. H. Horty		168 189 38
	H. A. Tompkins L. E. Hunt T. H. Sherrard C. H. Herty J. Foley G. B. Sudworth A. E. Oman H. D. Aller W. T. Cox W. B. Howard	Traveling expenses	189
	G R Sudworth	do do	10
	A. E. Oman	do	189
5	H. D. Aller	do	184 2 11
	W T. Cox	do	11
	W. B. Howard Henry Driml J. R. Wier	do	97
	Henry Driml	Services	24
6	I D Wion	do	28

Date.	Name.	Nature of payment.	Total
1904.			
an. 6	F. J. Phillips A. S. Peck G. S. Cleland T. G. Phillips F. Tompkins J. W. Riggs R. E. Benedect R. G. Griffin E. M. Hamilton S. J. Holsinger J. R. Wier W. C. Hodge, jr T. A. Casey J. P. Wentling H. Grimell W. L. Porterfield E. T. Greene Wm. H. Dyer	Services	\$25.
4	A. S. Peck	do	\$25. 25.
	G. S. Cleland	do	25.
	T. G. Philips	do	40. 50. 60.
	I W Pigge	do	50.
	R E Renedect	do	60.
	R. G. Griffin	do	60.
	E. M. Hamilton	do	75. 101.
	S. J. Holsinger	do	151.
	J. R. Wier	do	15. 23. 26.
	W. C. Hodge, jr	Traveling expenses	23
	T. A. Casey	Services	26
~	J. P. Wentling.	Traveling expenses	61
7	H. Grinnell.	00	13.
	F T Groom	dodo	13. 20. 91
	Wm H Dver	Wire molding.	16
	The Maurice Joyce Engraving Co	Die	2
	Geo. F. Muth & Co.	Glass, etc.	2 489
	Harvard Laundry Co.	Laundering	4.3
8	J. C. Rau	Button gaslight keys	3
	J. W. Fawcett	Shades	23 7
	Lamb & Tilden	Wife moiding. Die. Glass, etc. Laundering Button gaslight keys. Shades. Daters, etc.	7
	The J. C. Ergood Co	Starch	1
0	E. T. Greene. Wm. H. Dyer The Maurice Joyce Engraving Co Geo. F. Muth & Co. J. C. Rau. J. W. Fawcett Lamb & Tilden The J. C. Ergood Co. National Electric Supply Co. F. R. Miller T. P. Lukens Densmore Typewriter Co. R. Carter Ballantyne E. Morrison Paper Co. Rudolph, West & Co. Giddings & Steele. Mackall Bros.	Starch Supplies Services Traveling expenses	8 26
9	T. R. Miller	Traveling expenses	20
12	Densmore Typewriter Co	Renairs	8
12	R. Carter Ballantyne	Baskets	8 15
	E. Morrison Paper Co.	Repairs. Baskets Envelopes	61
	Rudolph, West & Co	Iron tanks, etc	120
	Giddings & Steele	Rugs	18 40
	Mackall Bros	Toilet soap, etc	40
	Mackall Bros The Maurice Joyce Engraving Co. M. G. Copeland & Co. M. Du Perow. W. B. Moses & Sons Fred. S. Gidmer	Rugs Toilet soap, etc: Die Tarpaulin	7
	M. G. Copeland & Co	Tarpaulin	4
	M. Du Perow	Nothing of	19
	W. B. Moses & Sons	Breekets	19 45 12
	Pichd Gasch	Supplies Matting, etc. Brackets Repairing locks	5
14	Library Bureau	Desks, etc	, 120
1.1	Queen & Co. (Incorporated)	Photo material	7 129
	Yawman & Erbe Manufacturing Co	Index cabinet	129
-)	W. & L. E. Gurley	Compass	51
	W. H. B. Kent	Services	75 101
	F. W. Reed	do	101
	C. O. Sparks	do	50
	H. A. Smith	do	70
	C H Farnim	do	7 27 46
	I S Raird	do	46
	H. B. Kempton	Traveling expenses	215
	J. E. Gow.	do	215 28 61
	W. H. Mast	do	61
	W. B. Moses & Solis Fred. S. Gidmer Richd. Gasch Library Bureau. Queen & Co. (Incorporated) Yawman & Erbe Manufacturing Co. W. & L. E. Gurley W. H. B. Kent F. W. Reed C. O. Sparks H. A. Smith W. C. Martin C. H. Farnum J. S. Baird H. B. Kempton J. E. Gow W. H. Mast W. H. Mast W. H. B. Kent A. S. Peek G. Alleman E. B. Fulks J. G. Peters	do	324 26 108
	A. S. Peck	do	26
	G. Alleman	00	108 97
	E. B. Fulks	do	97
	J. G. Peters	do	189
	I I. Wahh	Services	94 182 1 122
	W. K. Hatt	Traveling expenses	122
	J. W. Riggs	do	50
	C. H. Herty	do	242
	C. A. Scott	do	192
	T. P. Lukens	do	190 72
	G. L. Clothier	do	72
	E. B. Fulks J. G. Peters S. J. Holsinger J. L. Webb W. K. Hatt J. W. Riggs C. H. Herty C. A. Scott T. P. Lukens G. L. Clothier H. A. Paul H. T. Hartley G. E. Clement T. H. Sherrard H. H. Chapman G. F. Farley	00	92
	H. T. Hartley	dodo	99
	T H Sharrard	do	92 35 88 35
	H H Chapman	do	13
	G F Farley	do	8
	R. G. Giffin	do	18
	H. H. Chapman G. F. Farley, R. G. Giffin J. W. Warren W. H. B. Kent A. D. Hopkins W. W. Cheever J. B. Anderson	do	144
	W. H. B. Kent.	do	18 144 33
	A. D. Hopkins	do	24
	W. W. Cheever	do	. 14

Date.	Name.	Nature of payment.	Total.
1904.			
n. 14	C. S. Chapman J. C. Blumer J. B. Anderson F. Tompkins E. A. Braniff J. F. Clark C. Feagan M. Burns E. S. Bruce	Traveling expenses	\$316.05
	J. B. Anderson	do	6. 95 50. 70 49. 45
	F. Tompkins	do	49. 45
	E. A. Braniff	do	154.29
	J. F. Clark	do	26.17 49.40
	M. Burns	do	9.00
	M. Burns. E. S. Bruce. W. R. McKinnon J. S. Baird. I. N. Bovee Keuffel & Esser Co. W. G. Johnston & Co. Jno. Underwood & Co. Wolf Bros. W. P. Turner	do	49.61
	W. R. McKinnon	do	19.00
	J. S. Baird	Sarvigas	29. 21 35. 00
	Keuffel & Esser Co.	Map	2.15
	W. G. Johnston & Co	Ledger leaves	20.25
	Jno. Underwood & Co	. Carbon paper	22.56
	W OH Bros	Annaratus	43.60 14.00
	Holbrook, Merrill & Stetson	Drying oven	75.00
16	A. Ackerman	Services	75.00 32.50
	Wolf Bros W. P. Turner Holbrook, Merrill & Stetson A. Ackerman R. L. Marston C. S. Chapman F. W. Reed H. A. Smith G. E. Marshall R. P. Imes	do	45. 50
	C. S. Chapman	Traveling expenses	427.85
	H. A. Smith	do	10.90 23.45
	G. E. Marshall	do	209.64
	G. F. Fisher R. F. Fisher M. C. Jensen W. R. Lazenby	do	67.05
10	R. F. Fisher	do	64.47
18	W. R. Lazenby	do	58.84 12.85
	W. R. Lazenby R. L. Marston T. S. Woolsey, Jr. Eastman Kodak Co. Chas. R. Edmonston S. P. Woolfolk C. S. Chapman G. E. Tower F. Tompkins W. H. B. Kent R. E. Benediet The Colorado and Southern Rwy. Co. Union Pacific R. R. Co. do. Northern Pacific Rwy. Co. do. Now York, New Haven and Hartford R. R. Co.	do	70, 25
	T. S. Woolsey, jr.	do	14.35
	Eastman Kodak Co	Photo supplies	73.88
19	Chas. R. Edmonston	Drinking glasses	2. 20 40, 40
20	C. S. Chanman	Traveling expenses	152 47
	G. E. Tower	do	152.47 29.90
	F. Tompkins	do	65.38
25	W. H. B. Kent	do	272. 17
	The Colorado and Southern Rwy Co	Passenger transportation	84.75 17.70 85.00
	Union Pacific R. R. Co	do	85, 00
	do	do	64. 54
	Northern Pacific Rwy. Co	do	107. 70
	do	dodo	107.70 147.59 11.50
	New York, New Haven and Hartford R. R.	do	5.00
	Co.	1	
	Pittsburgh, Cincinnati, Chicago and St.	do	8.00
	Louis Rwy. Co.	do	12.00
	Oregon Short Line R. R. Co	do .	60.00
	do	do	48.35
	Oregon Short Line R. R. Codododododododo	do	35. 15
	Illinois Central R R Co	do	14.85
	Atlantic Coast Line R. R. Co	do	27, 70
	do	do	7.50 27.70 28.40
	do. do. do. Illinois Central R. R. Co. Atlantic Coast Line R. R. Co. do. Texas and Paciāc Rwy. Co. Pennsylvania Co. do. Maine Central R. R. Co. Denver and Rio Grande R. R. Co. do. The Wabash R. R. Co. Washington Southern Rwy. Co. Southern Rwy. Co. The Atchison, Topeka and Santa Fe R. R. Co. Burlington and Missouri River R. R. Baltimore and Ohio R. R. Co. Norfolk and Western Rwy. Co. do. New York Central and Hudson River R. R. Co.	do	16, 80
	rennsylvania Co	do	5.40
	Maine Central R. R. Co.	do	35.00 3.75
	Denver and Rio Grande R. R. Co.	do.	30,00
	do	do	135, 65
	The Wabash R. R. Co	do,	23.50 11.30
	Southern Rwy, Co	dodo	450.20
	The Atchison, Topeka and Santa Fe R. R. Co.	do	5.90
	Burlington and Missouri River R. R.	do	111.45
	Norfolk and Western Press Co	do	28.60
	do	do	10.90 7.85
	New York Central and Hudson River R. R.	do.	20.35
	Co.		
	Southern California Rwy. Co.	do	155.50
	Southern California Rwy. Co	do	3. 15 4. 60
	RWV. CO.		4.00
	Brunswick and Birmingham R. R. Co	do	4.40
			20 20
	The Colorado Midland Rwy. Co	do	39.30 7.80

Date.	Name.	Nature of payment.	Tota
1904.			
n. 25	Lehigh Valley R. R. Co. Erie R. R. Co. Gulf and Ship Island R. R. Co. Seaboard Air Line Rwy. Great Northern Rwy. Co. Boston and Maine R. R. Co. Pennsylvania R. R. Co.	Passenger transportation	\$1
	Erie R. R. Co	do	
	Gulf and Ship Island R. R. Co	do	
	Seaboard Air Line Rwy	do	2:
	Boston and Maine P. P. Co.	do	6.
	Boston and Maine Ř. R. Co. Pennsylvania R. R. Co Delano & Moore Jacquot & Son S. Tompkins C. H. Farnum H. O. Tunis D. Rodman R. S. Kellogg C. G. Crawford L. E. Hunt S. N. Spring O. W. Price Francis Miller	dodo	13 6:
	Delano & Moore	Photo supplies	65
	Jacquot & Son	Oats	4
	S. Tompkins	Traveling expenses	40
	C. H. Farnum	do	19
	H. O. Tunis	do	19
	D. Rodman	do	25 40
	C. C. Crowford	do	40
	I. F. Hunt	do	17
27	S. N. Spring	do	78 30
~.	O. W. Price	do	29
	Francis Miller Potomac Electric Power Co Jewett & Son	Glass Current Maps	
	Potomac Electric Power Co	Current.	
28	Jewett & Son	Maps	15
		Traveling expenses Granite-iron basins, etc	14
29	J. Baumgarten & Sons Geo. F. Muth & Co.	Granite-iron basins, etc	41
	J. Baumgarten & Sons	Daters Materials for painting	10
	Z D Cilmon	Photo gunnion	2
	Clark & Dayannort	Lineleum	30
	Z. D. Gilman Clark & Davenport C. Schneider Sons	Photo supplies Linoleum Keys, etc	
	C. Schneider Sons Jno. C. Rau Capital Traction Co S. P. Johnson Wm. H. Rupp Co Geo. E. Corbett Chas. R. Edmonston Herman Faumgarten The J. C. Ergood Co Jas. B. Lambie (Incorporated) Wm. Brown	Wire	
	Capital Traction Co.	Car tickets.	10
	S. P. Johnson	Repairs to typewriters	
	Wm. H. Rupp Co	Waste baskets	:
	Geo. E. Corbett	Photo glass	2
	Chas. R. Edmonston	Slop jars Ink pad, etc. Pearline.	-
	Herman Baumgarten	Ink pad, etc	
	Ine J. C. Ergood Co.	Pearline	;
	Wm Brown	Door spring, etc	
31	Wm. Brown G. B. Sudworth et al	Labor Salaries	5,60
b. 1	P. W. Ayers	Services	2,00
	R. H. Allen	dodo	, 2
	E. E. Adams E. E. Bogue	do	2.
	E. E. Bogue	do	2.
	W. Burbridge	do	2.
	B. E. Babeock	do	2
	I E Porton	do	2
	T A Casay	do	2
	G H Cecil	do	2
	E. E. Bogue. W. Burbridge. B. E. Babcock. T. Balfour. J. E. Barton. T. A. Casey. G. H. Cecil. E. G. Cheyney. G. S. Cleland. C. W. Edgerton. R. T. Fisher. J. E. Gow. II. M. Hale.	do	2
	G. S. Cleland	do	25
	C. W. Edgerton	do	2.
	R. T. Fisher	do	2.
	J. E. Gow.	do	2
	II. M. Hale C. D. Howe L. Krautter, jr C. A. Norton	do	2.
	U. D. HOWE.	00	25 25
	C. A. Norton	do	28
			25
	A. H. Ohiai F. L. Pray. A. H. Pierson F. J. Phillips	do	2
	A. H. Pierson	do	28
	F. J. Phillips	do	2!
	A S Peck	do	2
	F. M. Patton J. H. Ramskell	do	20 20 20 20 20
	J. H. Ramskell	do	28
	E. R. Secrest	do	25
	D. R. Sellers D. S. Reels G. J. Trangott B. J. Teasdale	do	25 25
	G I Trangatt	do	25
	B. J. Teasdale	do	25
	B. J. Tessdale. J. R. Weir L. L. White. W. J. Ward. J. C. Blumer. R. D. Craige. J. D. Guthrie.	do	25
	L. L. White	do	25
	W. J. Ward.	do	25
	J. C. Blumer	do	40
	R. D. Craige.	do	40
	J. D. Guthrie	do	40
	W. B. Howard E. R. Hodson W. L. Porterfield	do	40 40
	W. P. Hodgon	do	4(

#### FORESTRY INVESTIGATIONS—Continued.

D

	Name.	Nature of payment.	Tota
L	T. G. Phillips	Services	\$4 4
	H. A. Paul H. D. Scudder	do	4
	H O Tunis	do	4
	H. O. Tunis A. O. Waha S. P. Woolfork	do	4 4
	S. P. Woolfork	do	4
	S. F. Wootling. D. P. Wentling. E. A. Ziegler. C. Barry. T. F. Borst.	do	4
	E. A. Ziegler.	do	4
	T F Roret	do	5 5
			5
	E. T. Greene M. Johnson	do	5 5 5
	M. Johnson	do	5
	J. E. Keach	do	5
	W H Most	do	5 5
	C O Sparks	do	5
	F. Klarpp. W. H. Mast C. O. Sparks G. E. Tower	do	5
	S. Tompkins . R. E. Benedict . A. E. Cohoon .	do	5
	R. E. Benedict.	do	5. 6. 6
	A. E. Cohoon.	do	6
	W. G. Durbid	do	6.
	E. B. Fulks H. D. Hartley	do	6
	W. J. Huteninson		6
	M. C. Jensen	do	6 6
	R. S. Kellogg J. W. Riggs C. A. Scott J. W. Warren	do	6
	J. W. Riggs	00	6
	I W Warren	do	6
	M. Warren M. Burns. F. A. Clarke M. W. Ely W. R. McKinnon S. Riley R. G. Zou	do	6 7
	F. A. Clarke	do	7
	M. W. Ely	do	70
	W. R. McKinnon	do	7
	P. C. You	do	70 70 70
	J B Anderson	do	- 8
	J. S. Baird	do	8
	J. B. Anderson. J. S. Baird. E. A. Braniff. J. F. Clark. A. W. Cooper.	do	8 8 8
	J. F. Clark	do	8
	A. W. Cooper	do	8
			8
	W. G. Gardner A. F. Hawes R. P. Imes	do	8
	R. P. Imes	do	8: 8: 8:
	E. Koch. T. P. Lukins. L. C. Miller. H. K. Porter.	do	8
	T. P. Lukins	do	8 8 8 8
	L. C. Miller	do	8
	H. K. Porter.	do	88
i	J. G. Peters W. D. Sterritt	do	8. 8. 8.
	W. D. Sterritt. T. S. Woolsey, jr. C. S. Chapman	do	8
	T. S. Woolsey, jr	do	109
	G. E. Clement	do	103
	G. F. Clement. A. K. Chittenden. C. Du Bois	do	10
	R. G. Giffin	00	102 102 103 103
	R. G. Giffin. G. E. Marshall F. W. Reed. E. A. Sterling E. T. Allen E. M. Griffith. S. J. Holsinger W. A. Langille A. F. Potter L. E. Hunt	do	10
	F. W. Reed.	do	105
	E. A. Sterling.	do	103
	E. T. Allen	do	10: 10: 10: 10: 15:
	E. M. Griffith	do	1.00
	W A Langille	00	155 155
	A. F. Potter	do	15
	L. E. Hunt.	do	170
	T. H. Sherrard	do	170 191
	T. H. Sherrard W. K. Hatt C. H. Herty	do	191
	C. H. Herty	do	191
	H. von Schrenk	do	212 212
	G. H. Herty E. S. Bruce H. von Schrenk G. Alleman J. F. Appleby G. L. Clothier J. A. Howarth, jr G. M. Homans C. H. Hall	00	212 60
-	J. F. Appleby	dodo	96
	G. L. Clothier	do	28 24
	J. A. Howarth, jr	do	41
	G. M. Homans	do	41 24 51
	C. H. Hall. W. L. Jepson. D. Rodman	do	δI
	W. L. Jepson	0D	31

Date.	Name.	Nature of payment.	Total
1904.			
eb. 1	H. A. Smith	Services	\$91.
	S. N. Spring	do	8. 119.
	H. J. Tompkins	do	119.
2	W. Wallace	do	41 25
2	J. F. BOHQ	do	25
3	H. A. Smith S. N. Spring H. J. Tompkins W. Wallace J. F. Bond H. D. Burrall The Chesapeake and Potomac Telephone Codo do do R. P. Andrews & Co Adams Express Co do do do do do H. D. Winder Express Co United States Express Co Underwood Typewriter Co Fred A. Schmidt Lamb & Tilden E. Morrison Paper Co W. B. Moses & Sons National Electric Supply Co E. S. Newman D. Frank Parker United States Express Co do Washington Gas-light Co Woodward & Lothrop	Service.	20
	do	do	
	do	Moving telephone	2
	R. P. Andrews & Co.	Supplies	2
	Adams Express Co	Transportation	93
	do	do	59 94
	The Goo W Vnoy Express Co	do	18
	United States Express Co	do	18 21
	Blue Line Transfer Co	do	3
	W. H. Dver	Preparing specimens for test	22
	M. Du Perow	Supplies	22
	Church & Stephenson	Lumber	22 33
	Remington Typewriter Co	Typewriter, etc	172
	Underwood Typewriter Co	do	92
	Fred. A. Schmidt.	Drawing materials	177 18
	E Morrison Pener Co	Stationery	37
	W R Moses & Sone	File cases	154
	National Electric Supply Co	Supplies	8
	E. S. Newman	Paper	8
	D. Frank Parker	Stationery	26
	United States Express Co	Transportation	40
	do	do	52
	Washington Gas-light Co	Gas	250
4	W Woodward & Lothrop	Sarvices	73
*	E I S Moore	do	73 45
	W. W. Everett	do	25
	R. L. Marsten	do	65 34 17
	M. M. Sutter	do	34
	S. B. Detwiler	Traveling expenses	17
	G. Alleman	do	100
	H. Grinnell	do	16
	E T Greene	do	84
5	T. G. Phillips	do	69
	do	Services	69 3 35
	I. N. Bovee.	do	35
	F. A. Clarke	Traveling expenses	50
	G. S. Cleland		80
	W. I. Portorfold	do	24
	H M Sutter	do	10
8	The Chesapeake and Potomac Telephone Co.	Service.	66 2 80 24 10 95
9	Adams Express Co	Transportation	3
	Julius Lansburgh.	Steel rod.	1
	W. L. King.	Leatner	1
	Wm Brown	Moving	1 2
	D. Frank Parker. United States Express Codododo Washington Gas-light Co. Woodward & Lothrop. H. W. Newman. E. J. S. Moore. W. W. Everett. R. L. Marsten. M. M. Sutter. S. B. Detwiler. G. Alleman. H. Grinnell. A. O. Waha E. T. Greene. T. G. Phillipsdo I. N. Bovee. F. A. Clarke. G. S. Cleland. G. E. Clement. W. L. Porterfield. H. M. Sutter. The Chesapeake and Potomac Telephone Co. Adams Express Co. Julius Lansburgh. W. L. King. National Electrical Supply Co. Wm. Brown. C. Schneider Sons. J. S. Baird. R. E. Benedict.	Keys, etc.	1 23 17 23
11	J. S. Baird.	Traveling expenses	23
-	R. E. Benedict.	do	17
	M. Burns.	do	23
	J. F. Clarke	do	88
	G. Farley	do	57
	P. C. Ciffin	do	42
	H. D. Hartley	do	63
	W. B. Howard.	do	89 22 57 42 63 60
	W. F. Hubbard	do	67
	R. P. Imes	do	58 16
	M. U. Jensen	do	54
	Julius Lansburgh W. I. King. National Electrical Supply Co Wm. Brown. C. Schneider Sons. J. S. Baird. R. E. Benedict. M. Burns. J. F. Clarke G. Farley. C. Feagan. R. G. Giffin H. D. Hartley. W. B. Howard. W. F. Hubbard. R. P. Imes. M. C. Jensen. T. P. Lukens W. R. McKinnon. G. E. Marshall H. A. Paul. C. A. Scott. U. W. D. Sterrett. J. W. Warren. C. H. Herty. S. J. Holsinger. W. Wallace.	do	25
	W. R. McKillion	do	25 134
	H A Paul	do	111
	C. A. Scott	do	44
	W. D. Sterrett	do	136 112
	J. W. Warren	do	112
	C. H. Herty	do	280 142

Dat	е.	Name.	Nature of payment.	Total.
1904	1.	E. A. Braniff. J. H. Hansenvald. W. H. B. Kent. F. Tompkins. Yawman & Erbe Manufacturing Co. Library Bureau. Chas. \$\frac{1}{2}\$ Jenkins Eastman Kodak Co. J. H. Bunnell & Co. W. P. Turner Thos. Meehan & Son (Incorporated) E. S. Bruce. W. J. Gardner. R. G. Zon.		
eb.	11	E. A. Braniff	Traveling expenses	\$118.20 10.71
		J. H. Hansenvald	do	10.71
	10	W. H. B. Kent	Services	76.60
	12	Vayman & Frha Manufacturing Co	Rookeese sections	51.10 169.50 66.65
		Library Bureau	Letter files, etc	66.65
		Chas. S. Jenkins.	Map roll.	55, 00
		Eastman Kodak Co	Photo supplies	20.49
		J. H. Bunnell & Co	Electric supplies	28. 27 21. 00
		W. P. Turner	Supplies for timber tests	17.50
	13	E S Bruce	Traveling expenses	64.85
	10	W. J. Gardner	do	49.52
		R. G Zon	do	49.52 71.70
	15	J. T. Moses	Services	3 26
		J. W. Riggs.	Traveling expenses	66. 52
		H. D. Scudder	do	144.40 35.95
	17	H. A. SMITH	do	125, 60
		R S Craio	do	169. 10
		E. B. Fulks	do	64, 80
		L. E. Hunt	do	64. 80 156. 42
		C. H. Farnum	Services	25, 50
		Thos. Meehan & Son (Incorporated) E. S. Bruce. W. J. Gardner. R. G. Zon. J. T. Moses. J. W. Riggs. H. D. Scudder. H. A. Smith. F. Tompkins. R. S. Craig. E. B. Fulks. L. E. Hunt. C. H. Farnum Cincinnati, New Orleans and Texas Pacific Rwy. Co.	Passenger transportation	14.55
		Rwy. Co.	4-	9 70
		Baltimore and Ohio R. R. Co. The Chicago, Burlington and Quiney Rwy.	do	8.70 27.39
		Co.		
	18	The Atchigen Tenels and Conte To Dygg Co	do	213, 04
		do. do. cincinnati, Hamilton and Dayton Rwy. Co. Great Northern Rwy. Co. Houston and Texas Central R. R. Co. Illinois Central R. R. Co. Louisville and Nashville R. R. Co. Nashville, Chattanooga and St. Louis Rwy.	do	213. 04 25. 00 8. 70
		Cincinnati, Hamilton and Dayton Rwy. Co	do	8.70
		Great Northern Rwy. Co	'do	4.52 10.70 28.10
		Houston and Texas Central R. R. Co	do	10.70
		Louisville and Nashville P. P. Co	do	20, 00
		Nashville, Chattanooga and St. Louis Rwy.	do	11.90
		Co.		
		Co. New York, New Haven and Hartford R. R. Ço.		8,00
		do. New York Central and Hudson River R. R.	do	9.40
		New York Central and Hudson River R. R. Co.	do	69. 25
		The Oregon R R and Navigation Co	do	112.10
		The Oregon R. R. and Navigation Co Pennsylvania R. R. Codo.	do	
		do	do.	60.50
		do	do	17.50
		Seaboard Air Line Rwy. Co	do	7.00
		Southern Rwy. Co.	00	69.50
		San Pedro Los Angeles and Salt Lake R R	do	10 55
	19	J. G. Peters	Traveling expenses	112, 10 12, 60 60, 50 7, 00 77, 49 62, 50 10, 55 197, 28
		C. O. Sparks	do	15.88
	23	C. S. Chapman	do	279, 56
		Pennsylvania R. R. Codododosouthern Rwy. CoSouthern Rwy. CoSouthern California Rwy. CoSouthern	do	157. 25 15. 85 279. 56 127. 00 57. 66
		Vayman & Erba Manufacturing Co	Section etc	19.00
		Thos. Meehan & Sons (Incorporated)	Seeds	39 3
		Keuffel & Esser Co	Calipers	29, 28
		W. G. Johnson & Co	Transfer binders	19, 00 39, 33 29, 24 15, 73 125, 00 3, 00 11, 50
		Felt & Tarrent Manufacturing Co	. Comptometer	125.00
	24	The G. W. Knox Express Co	Drayage	3.0
		W. D. MOSES & SOIIS.	Transportation	11. 5
		R. Carter Ballantyne	Stationery	5. 68
		Church & Stephenson	Lumber	77. 83 181. 13
		Delano & Moore	Photo. supplies	181. 13
		M. Du Perow	Electric supplies	21. 45 1. 00
		A. Eberiy's Sons	. Grate	1.00
		The Maurice Joyce Engraving Co	Molding	2.00
		M. Du Perow A. Eberly's Sons. The Maurice Joyce Engraving Co. J. W. Tyler. Howard Laundry Co. Western Union Telegraph Co. Postal Telegraph-Cable Co. H. D. Aller. G. B. Sudworth et al. E. F. Adoms	Service	4.5
	27	Western Upion Telegraph Co	do	157. 1
		Postal Telegraph-Cable Co	do	157.10 11.24 25.50
	29	H. D. Aller	Services	25.5
		G. B. Sudworth et al.	Salaries	5, 500. 0
lar.	1	E. E. Adams	Services	24.00
		R. H. Allen H. D. Allen P. W. Ayres	0D	5, 500. 02 24. 00 24. 00 24. 00
		P. W. Avres	do	24.0
		,		21.0

Date.	Name.	Nature of payment.	Tota
1904.			
ar. 1	B. E. Babcock.	Services	\$24
	E. E. Bogue	do	24
	J. F. Bond	do	2
	H. D. Burrell W. Burbridge	do	24
	Geo H Cecil	do	2
	G. S. Cleland	do	2
	E. G. Cheyney	do	2
	W. W. Everett	do	2
	R. T. Fisher	do	2 2
	I E Gow	do	2
	H. M. Hale	do	$\tilde{2}$
	J. H. Hausewald	do	2
	G. M. Homans	do	2
	C. D. Howe.	do	2 2
	I H Ramskill	do -	2
	W. H. Kempfer	do	$\tilde{2}$
	C. A. Morton	do	2
	J. E. Barton	do	2
	A. E. Oman	do	2
	A. S. reck.	dodo	2 2
	B. E. Babcock E. E. Bogue J. F. Bond H. D. Burrell W. Burbridge Geo. H. Cecil G. S. Cleland E. G. Cheyney W. W. Everett R. T. Fisher E. M. Griffith J. E. Gow H. M. Hale J. H. Hausewald G. M. Homans C. D. Howe J. A. Haworth, jr J. H. Ramskill W. H. Kempfer C. A. Morton J. E. Barton A. E. Oman A. S. Peck F. M. Patton A. H. Pierson W. L. Porterfield F. L. Pray F. J. Phillips E. R. Secrist C. H. Sellers D. S. Keels B. J. Teasdale	do	2
	W. L. Porterfield.	do	2
	F. L. Pray	do	2
	F. J. Phillips	do	2
	E. R. Secrist	do	$\frac{2}{2}$
	C. H. Sellers D. S. Keels B. J. Teasdale D. J. Trangott H. O. Tunis W. J. Ward J. R. Weir L. L. White J. C. Blumer	do	2
	B. J. Teasdale	do	2
	D. J. Trangott	do	2
	H. O. Tunis	do	2
	W. J. Ward	do	2 2
	J. R. Weir	do	2
	J. C. Blumer	do	3
	R. D. Craig	do	3
	C. M. Erdman	do	2
	J. C. Blumer R. D. Craig C. M. Erdman J. D. Guthrie E. R. Hodson W. B. Howard H. A. Paul	do	3 3
	E. R. Hodson	do	3
	H. A. Paul	do	- 2
			3 3
	A. O. Waha S. P. Woolfolk E. A. Ziegler	do	3
	S. P. Woolfolk	do	3
	E. A. Ziegler	do	4
	E. A. Ziegler C. Feagan E. T. Greene M. Johnson J. E. Keach	do	4
	M. Johnson	do	4
	J. E. Keach	do	4
	F. Klarpp	do	4
	W. H. Mast	00	4
	G. E. Tower	do	4
	F. Tompkins	.do	4
	S. Tompkins	do	4
	M. Johnson J. E. Keach F. Klarpp W. H. Mast C. O. Sparks G. E. Tower F. Tompkins S. Tompkins S. Tompkins J. F. Appleby T. F. Borst C. Barry R. E. Benedict A. E. Cohoon W. G. Durbin E. B. Fulks H. T. Hartley W. I. Hutchinson R. S. Kellogg J. W. Riggs C. A. Scott W. Wallace J. W. Warren M. Burns M. W. Ely C. H. Hol	do	4
	T. F. Borst	do	4
	R E Renedict	dodo	5
	A. E. Cohoon	.do	5
	W. G. Durbin	do	5
	E. B. Fulks	do	5
	H. T. Hartley	do	5
	W. I. Hutemison	do	5 5
	J. W. Riggs	do	5
	C. A. Scott	do	5
	W. Wallace	do	5
	J. W. Warren	do	5
	M. Burns	00	7
	C H Hall	dodo	7.
	M. W. Ely. C. H. Hall W. R. McKinnon S. Riley R. G. Zon J. S. Baird	do	7
	S. Riley	do	7.
	B C 7	do	7.

Date.	Name.	Nature of payment.	Total.
1904.			
Iar. 1	E. A. Braniff J. F. Clark. A. W. Cooper G. Farley. W. J. Gardner. A. F. Hawes R. P. Imes E. Koch T. P. Lukens L. C. Miller J. G. Peters H. K. Porter W. D. Sterrett C. S. Chapman A. K. Chittenden G. E. Clement C. Du Bois R. G. Giffin	Services	\$79.60
	J. F. Clark	0D	79.60 79.60
	G. Farley	do	79.60
	W. J. Gardner	do	79.60
	A. F. Hawes	do	79.60 79.60
	K. P. Imes.	do	79.60
	T. P. Lukens	do	79.60
	L. C. Miller	do	79.60
	J. G. Peters	do	79.60 79.60
	W D Starrett	0D	79.60
	C. S. Chapman	do	95.60
	A. K. Chittenden	do	95. 60 95. 60 95. 60
	G. E. Clement	do	95.60
	R G Giffin	dodo	95, 60 95, 60
	G. E. Marshall	do	95, 60
	F. W. Reed	do	95, 60 95, 60
	E. A. Sterling	do	95.60
	G. E. Clement C. Du Bois. R. G. Giffin G. E. Marshall F. W. Reed E. A. Sterling L. E. Hunt T. H. Sherrard C. H. Herty W. K. Hatt E. S. Bruce H. von Schrenk E. T. Allen S. J. Holsinger W. A. Langille A. F. Potter C. W. Edgarton H. Davis J. W. Toumey G. Alleman M. Rothkugel H. J. Tomkins T. A. Casey L. Krautter, jr H. A. Smith Gifford Pinchot H. Grinnell J. B. Anderson A. K. Chittenden	do	159.40 159.40
	C. H. Herty	do	179.30
	W. K. Hatt.	do,	159. 40 179. 30 179. 30
	E. S. Bruce	do	199, 20 199, 20
	H. von Schrenk	do	199, 20 143, 40
	S. I. Holsinger	do	143. 40
	W. A. Langille	do	143.40
	A. F. Potter	do	143, 40
	C. W. Edgarton	do	4. 12 33. 89
	H. Davis	00	33. 89 49. 50
	G. Alleman	do	60.00
	M. Rothkugel	do	79.10
2	H. J. Tomkins	do	111.60
2	T. A. Casey.	do	24. 00 24. 00
	H. A. Smith	do	98. 00 98. 00 234. 70 39. 55 128. 20 152. 93 121. 33
	Gifford Pinchot	Traveling expenses	234.70
	H. Grinnell	do	39. 55
	J. B. Anderson	do	128.20
	G. I. Clothier	do	192.90
	W. K. Hatt	do	91.00
	R. S. Kellogg	do	23.41
3	H. Grinnell J. B. Anderson A. K. Chittenden G. L. Clothier W. K. Hatt R. S. Kellogg H. A. Smith Giddings & Steele S. Kann, Sons & Co	do	34.13 37.20
9	S Kann Sons & Co	Falt	9.56
	Geo. E. Corbett.	Glue	1.23
	M. G. Copeland Co	Glue. Repairing tents, etc	35.00
	Wm. E. Stockett & Co.	Portfolios Map.	2.73 1.60
	F A Clarke	Sarviege	94 73
	E. T. Greene	Services Traveling expenses	95. 22
4	Geo. E. Corbett. M. G. Copeland Co. Wm. E. Stockett & Co. Rufus B. Merchant, P. O. Department. F. A. Clarke. E. T. Greene Amberg File and Index Co. F. Barridges & Co.	Cabinet, etc	24. 73 95. 22 87. 78 2. 00
	T. Darteides & Co		2.00
	Cox Seed Co	Seed Photo supplies Services Repairs	2.00 48.00
	Eastman Kodak Co T. Balfour Wolbensak Optical Co	Services	24.00
5	Wolbensak Optical Co.	Repairs	1.10
			79.60
	T. S. Woolsen, jr.	do	79.60 38.20
	T. S. Woolsen, jr. D. Rodman. G. Alleman.	Traveling expenses *	102.43
	Jno. F. Clarke	do	70.54
	C. G. Crawford	do	70.93
7.0	G. E. Marshall	do	68. 50
10	F S Bruce	Traveling expenses	57.40 83.17
	F. A. Clarke	do	63.90
	E. B. Fulks	do	84.00
	G. Alleman Jno. F. Clarke C. G. Crawford G. E. Marshall M. C. Jensen E. S. Bruce F. A. Clarke E. B. Fulks T. P. Lukens S. J. Halsinger	do	95.30
	S. J. Halsinger	do	123.60
	W. L. Porterfield	do	123, 60 66, 29 79, 71 121, 20
	J. W. Warren	do	121. 20
11	T. F. Lukens S. J. Halsinger H. D. Hartley W. L. Porterfield J. W. Warren T. S. Woolsey	do	9.20

	FORESTRY INVESTIGAT	TOIND—Continued.	
Date.	Name.	Nature of payment.	Total.
1904.	E. A. Braniff. R. D. Craig. C. Feagan W. J. Gardner C. A. Scott. W. K. Hatt F. L. Pray United States Express Co. Woodward & Lothrop F. A. Schmidt. Jas. B. Lambie Co. Lamb & Tilden Mackall Bros		04.04
Mar. 11	E. A. Braniff	Traveling expenses	\$161.23
	C. Faggan	do	144.11 78.15
	W. J. Gardner	do	95. 83 35. 45 55. 35 37. 11
	C. A. Scott	do	35.45
	W. K. Hatt.	do	55.35
	United States Express Co	Transportation	12, 45
	Woodward & Lothrop	Transportation Furniture, etc.  Drawing materials Stepladder Self-inking stamp Photo supplies Hardware, etc	52.94
	F. A. Schmidt	Drawing materials	52.94 86.41
	Jas. B. Lambie Co	Stepladder	8.00
	Lamb & Tilden	Self-inking stamp	4.75 36.00 24.94
	TO 1 0 TO	TT 1	24, 94
	Z. D. Gilman	Sponge	3 00
	W. T. Galliher & Bro	Lumber	3.42 1.50
	J. W. Fawsett	Window shadeElectric supplies	20.63
	E Morrison Paper Co	Notebooks etc	24.50
	S. P. Johnson	Repairs on typewriters	22. 25 7. 50
	Lutz & Co.	Leather carrying case	7.50
	Barber & Ross Z. D. Gillman W. T. Galliher & Bro. J. W. Fawsett National Electrical Supply Co E. Morrison Paper Co E. M. Johnson Lutz & Co Newberry & Metcalf L. V. Boyge	Supplies	63.59
12	I. N. BOVee	Services	35.00 71.80
12	W. 11, B. Kent	Traveling expenses	71.80 218.71
14	J. W. Fawsett. National Electrical Supply Co E. Morrison Paper Co S. P. Johnson Lutz & Co Newberry & Metcalf I. N. Bovee W. H. B. Kentdo C. H. Herty E. A. Ziegler J. L. Baird G. Farley W. I. Hutchinson M. Burns A. S. Peek J. W. Toumey W. B. Howard W. Wallace W. R. McKinnon R. G. Giffin H. A. Paul F. Tompkins Delano & Moore The Chicago and Alton Rwy. Co Co. Chicago, Rock Island and Pacific Rwy. Co	do	243.43
	E. A. Ziegler.	do	106.58 33.86 34.11
	J. L. Balrd	do	34 11
	W I Hutchinson	do	38.32
	M. Burns	do	31.11 47.69
	A. S. Peck	do	47.69 22.69
16	J. W. Toumey	do	22.09 30.05
	W. B. HOWARD	do	32.33
	W. R. McKinnon	do	32, 33
	R. G. Giffin	do	39. 95 32. 33 32. 33 39. 18
	H. A. Paul	do	107.30
	Delano & Moore	do	159.98
17	The Chicago and Alton Rwy. Co	Passenger transportation	79. 40 159. 98 '20. 25 17. 85
	The Chicago, Burlington and Quincy Rwy.	do	17.85
	Chicago Book Island and Bacific Pwy Co	do	168.75
	Co. Chicago, Rock Island and Pacific Rwy. Co Houston and Texas Central R. R. Co Delaware, Lackawanna and Western R. R.	do	2.20
	Delaware, Lackawanna and Western R. R.	do	6.10
	Co.	do.	36.00
	Coorgie Southern and Florida Rwy Co	do	9.81
	Atlantic and West Point R. R. Co	do	12.65 9.18
	The Atchison, Topeka and Santa Fe Rwy. Co.	do	9.18
	Atlantia Gasat Line B. B. Ga	do	6. 47 25. 75
	Atlantic coast Line R. R. Co	do	8.80 4.30
	Alabama and Great Southern R. R. Co	do	4.30
	Co.  Denver and Rio Grande R. R. Co. Georgia Southern and Florida Rwy. Co. Atlantic and West Point R. R. Co. The Atchison, Topeka and Santa Fe Rwy. Codo Atlantic Coast Line R. R. Co. Atlantic and Birmingham R. R. Co. Alabama and Great Southern R. R. Co. Boston and Maine R. R. Co. The Chesapeake and Ohio Rwy. Co. Canadian Pacific Rwy. Co. The Colorado and Southern Rwy. Co. Central of Georgia Rwy. Co Codo.	do	15.25
	The Chesapeake and Ohio Rwy. Co	do	16.00 33.35 108.05
	The Colorado and Southern Rwy Co.	do	108.05
	Central of Georgia Rwy. Co	do	7.00
	do	do	3.68
	do Burlington and Missouri River R. R. CoChicago and Northwestern Rwy. CoGalweston, Harrisburg and San Antonio	do	7. 00 3. 68 48. 98 12. 70 25. 65
	Galveston, Harrisburg and San Antonio	do	25.65
	Rwy. Co.		0 70
18	Washington County R. R. Co	do	8,50 35,45
	The Wabash R. R. Co	do	12.75
	Union Pacific R. R. Co.	do	30.00
	do	do	41.30
	Texas and New Orleans R. R. Co	do	26.10 224.40
	do	do	224. 40 31. 40 132. 00
	The Pullman Co	do	132.00
	do	do	35.00 4.50
	do	dodo	4.50 59.50
	Rwy. Co. Washington County R. R. Co. Seaboard Air Line. The Wabash R. R. Co. Union Pacific R. R. Co. do. Texas and New Orleans R. R. Co. Southern Rwy. Co. do. do. do. do. do. do. do. do. do. d	do	32.00
	do	do	59.00

Date.	Name.	Nature of payment.	Total
1904.			210
ar. 18	Pennsylvania R. R. Co	Passenger transportation	\$48.
	The Paces and Northern Tayas Rwy Co	do	21. 5. 76.
	The Oregon R. R. and Navigation Co	do.	76.
	Pennsylvania R. R. Codo. The Pecos and Northern Texas Rwy. Co The Oregon R. R. and Navigation Co Pittsburgh, Cincinnati, Chicago and St. Louis	do	9.
	Rwy. Co. Oregon Short Line R. R. Co New Orleans and Northeastern R. R. Co National Steamship Co Louisville and Nashville R. R. Co Nillinois Central R. R. Co Norfolk and Washington, D. C., Stmbt. Co New York Central and Hudson River R. R. Co.	3-	90
	New Orleans and Northeastern P. P. Co.	do	20. 21.
	New Orleans and Northeastern R. R. Co	do	5.
	Louisville and Nashville R. R. Co	do	15.
	Illinois Central R. R. Co	do	4.
	Norfolk and Washington, D. C., Stmbt. Co	do	15. 12.
	Co.		12.
	New York, New Haven and Hartford R. R.	do	9.
	Co.	1	
	Maine Central R. R. Co	do	4.
	do	do	. 5. 7. 37.
	The Missouri Pacific Rwy. Co.	do.	37.
	Virginia and Truckee R. R. Co	do	18.
19 21	C. H. Farnum	Services	24. 49.
21	R. S. HOSMET.	do	18
	W. J. Gardner	Traveling expenses.	28
	J. A. Gowanlock	Storage	30
	Co. Maine Central R. R. Co. Missouri, Kansas and Texas Rwy. Codo. The Missouri Pacific Rwy. Co. Virginia and Truckee R. R. Co. C. H. Farnum R. S. Hosmer C. M. Erdman W. J. Gardner J. A. Gowanlock H. E. Armstrong Amberg File and Index Co. J. K. Bishop.	do	10
	Amberg File and Index Co	Photo supplies	63 61
	J. K. Bishop Richardson Bros	Hauling	45
	Keuffel & Esser Co.	Photo supplies Hauling Pocket transit. Seeds	45 23
	J. M. Thornburn & Co	Seeds	11
22	C. Schneider Sons	Keys, etc.	$\frac{1}{106}$
	Capital Traction Co	Tickets .	100
	Geo. E. Corbett	Photo supplies	17
	The J. C. Ergood Co	Pearline, etc	2
	The Geo. W. Knox Express Co	Transportation	12
	J. B. Lamble & Co	Stationery	70.
	Rudolph West & Co	Manila rope	7.
	Harvard Laundry Co	Towel service	4
	H. M. Sutter	Negatives	1
	W C Hodge ir	Traveling expenses	144 20
	L. C. Miller	do	249
23	E. A. Sterling	do	111.
	W. D. Sterrett	do	130
	J. K. Bishop. Richardson Bros. Keuffel & Esser Co. J. M. Thornburn & Co. C. Schneider Sons. Church & Stephenson. Capital Traction Co. Geo. E. Corbett. The J. C. Ergood Co. The Geo. W. Knox Express Co. J. B. Lambie & Co. D. Frank Parker. Rudolph West & Co. Harvard Laundry Co. H. M. Sutter. J. G. Peters. W. C. Hodge, jr. L. C. Miller. E. A. Sterling. W. D. Sterrett. G. F. Schwarz. A. K. Chittenden. F. W. Reed. T. S. Woolsey, jr. H. D. Scudder. M. C. Jensen. R. T. Fisher. Southern California Rwy. Co. O. New York Central and Hudson River R. R. Co. Missouri Pacific Rwy. Co.	do	38 126
	F. W. Reed	do	310
26	T. S. Woolsey, jr	do	19
	H. D. Scudder	do	183
	M. C. Jensen R T Fisher	do	32 20
	Southern California Rwy. Co	Transportation	4
	do	do	6
	New York Central and Hudson River R. R.	do	4
	Co. Missouri Pacific Rwy, Co.	do	13
	do	do	11
	Louisville and Nashville R. R. Co	do	11 27 2
	Boston and Maine R. R. Co.	do	2.
28	Ino C Parker	Stationery	16. 61.
20	R. L. Marston	Traveling expenses.	50
29	Co. Missouri Pacific Rwy. Co. do. Louisville and Nashville R. R. Co. Boston and Maine R. R. Co. Atlantic Coast Line R. R. Co. Jno. C. Parker R. L. Marston. W. H. B. Kent.	do	111.
	do	do	49.
	do.	do	95. 46.
	dodododododododo.	Paste pots	40.
	Wm. Brown	Hauling.	2.
0.4	Amberg File and Index Co.	Indexes.	9.
31	Wm F Stockett & Co	Fire extinguishers	120. 8.
	E. E. Adams	Services	25
	P. W. Avers	do.	25.
			25.

Date.	Name.	Nature of payment.	Total
1904.			
Mar. 31	J. F. Bond H. D. Burrell	Services	\$25.
	H. D. Burrell	do	\$25. 25.
	G. H. Cecil T. A. Casey H. Davis	do	25. 25.
	T. A. Casey	do	25.
	H. Davis	do	25. 25.
	W. W. Everett R. T. Fisher E. M. Griffith R. S. Hosmer	dodo	25. 25.
	E M Griffith	do	25. 25.
	R. S. Hosmer	do	25.
	R. S. Hosmer G. M. Homans J. H. Hansenvald C. D. Howe L. Krautler, jr C. A. Morton A. E. Oman F. J. Phillips F. M. Patton A. H. Pierson	do	25.
	J. H. Hansenvald	do	25.
	C. D. Howe	do	25.
	L. Krautler, jr	do	25.
	C. A. Morton	do	25.
	A. E. Oman	do	25, 25, 25,
	F. J. Phillips	do	25.
	F. M. Patton	do	25.
			25
	J. H. Ramskill D. S. Keels	do	25.
	C H Sollars	do	25 25
	B I Teasdale	do	25. 25.
	B. J. Teasdale J. W. Toumey H. O. Tunis	do	$\frac{25}{25}$
	H O Tunis	do	$\frac{25}{25}$
	I. I. White	do	25
	J. R. Weir J. C. Blumer R. D. Craig G. S. Cleland	do	25
	J. C. Blumer.	do	40 40
	R. D. Craig.	do	40
	G. S. Cleland	do	40
	J. D. Guthrie. E. R. Hodson W. B. Howard.	do	40 40
	E. R. Hodson	do	40
	W. B. Howard	do	40
	H. A. Paul	do	40
	H. A. Paul. M. Rothkugel H. D. Scudder A. O. Waha	do	40
	H. D. Scudder	00	40 40
	F A Zioglar	do	40
	E. A. Ziegler. J. F. Appleby. C. Barry. T. F. Borst.	do	51
	C Barry	do	51
	T. F. Borst	do	51
	C. reagan		51
	T. F. Borst. C. Feagan. E. T. Greene. M. Johnson.	do	51
	M Johnson	do .	51
	J. E. Keach	do	51
	W. H. Mast	do	51
	C. O. Sparks	do	51 51 51
	W. J. E. Keach W. H. Mast. C. O. Sparks F. Tompkins G. B. Sudworth et al.	do	51
			5, 784
	Total third quarter		68,615
pr. 4	H. D. Allen	Services	25 25
	T. Balfour	do	25
	H. D. Allell T. Balfour E. G. Cheyney H. M. Hale R. E. Benedict A. E. Cohoon W. G. Durbin	do	25
	H. M. Hale	do	25
	R. E. Benedict	do	25
	A. E. Conoon	do	61 61
	W. G. Durbin	00	61
			61
	H. D. Hartley W. I. Hutchinson M. C. Jensen	do	61 61
	M. C. Jensen	do	61
	R. S. Kellogg	do	61
	J. W. Riggs	do	61 61
	C. A. Scott	do	61
	S. P. Woolfolk	do	61
	J. W. Warren	do	61
	W. Wallace	do	61 61 76
	M. Burns	do	76
	M. W. Ely	do	76
	W. K. McKinnon	do	76 76
		00	76.
	S. Kiley		10.
	R. G. Zou	dodo	0.5
	R. G. Zou J. B. Anderson	do	85
	S. Ruey R. G. Zou J. B. Anderson J. S. Baird F. A. Boniff	do do	85. 85.
	S. Kney R. G. Zou J. B. Anderson J. S. Baird E. A. Baniff A. W. Cooper	do do do	85. 85. 85.
	M. C. Jensen R. S. Kellogg J. W. Riggs C. A. Scott S. P. Woolfolk J. W. Warren W. Walren W. Wallace M. Burns M. W. Ely W. R. McKinnon S. Riley R. G. Zou J. B. Anderson J. S. Baird E. A. Baniff A. W. Cooper J. F. Clark G. Farley	do	85 85 85 85 85 85

Date.	Name.	Nature of payment.	Total.
1904.			
pr. 4	W. J. Gardner A. F. Hawes R. P. Imes	Services	\$85. 20 85. 20 85. 20
	R P Imas	do	85.2
			85. 2
	E. Koch T. P. Lukins L. C. Miller J. G. Peters W. G. Sterrett T. S. Woolsey, jr A. K. Chittenden C. S. Chapman G. E. Clement	do	85. 2 85. 2 85. 2 85. 2
	L. C. Miller	do	85. 2
	J. G. Peters	do	85.2
	W. G. Sterrett	0D	85.2
	A K Chittenden	do	85. 2 102. 2 102. 2
	C. S. Chapman	do	102.2
	G. E. Clement	do	109.9
	C. Du Bois	do	102. 2 102. 2 102. 2 102. 2
	R. G. Giffin	do	102. 2
	W. C. Hodge, Jr.	00	102. 2
	C. Da Bois W. C. Hodge, jr G. E. Marshall F. W. Reed	do	
	E. A. Sterling	do	102. 2 102. 2 102. 2 40. 9
	E. A. Sterling G. F. Schwarz	do	102. 2
	D. Rodman	do	40.9
	G. Alleman	do	60.0
	F. Klarpp	do	71.5
	F. Klarpp H. J. Thompkins H. A. Smith	do	71. 5 119. 2 175. 0
	W I Ward	do	11.5
	W. J. Ward E. R. Secrist W. L. Porterfield	do	18.1
	W. L. Porterfield	do	18.1 23.0
	C. H. Hall	do	37.0
	G. E. Tower	do	37.9
	J. A. Howarth A. Peck	do	28. 5 28. 5
	A. Peck.	do	28. 5 33. 4
	G. J. Trangott W. Burbridge B. E. Babcock	do	33.4
	W. Burbridge	do	31.9
	B. E. Babcock	do	31.9
	('. H. Farnum	do	31.9
	L. E. Hunt	do	170.3
	L. E. Hunt T. H. Sherrard E. T. Allen	do	170.3 153.3 153.3
	S. J. Holsinger	do	153.3
	W A Lengille	do	153.3
	W. A. Langille A. F. Potter W. K. Hatt C. H. Herty	do	153.3
	W. K. Hatt	do	153.3 191.6 191.6
	C. H. Herty	do	191.6
			212.0
-	H. von Schrenk W. H. B. Kent C. S. Chapman	do	212. 9 76. 6 275. 0
5 6	C S Chapman	Travaling average	70.0
O			43.3
	E. S. Bruce E. T. Greene L. L. White	do	43.3 207.9
	E. T. Greene	do	105.4
	L. L. White	do	43.8
9	E. A. Ziegler	GO	67.4
9	T E Ludwig	Renairing	7. 2 2. 2
	L. L. White E. A. Ziegler. United States Express Co. T. E. Ludwig Jno. C. Parker, estate of W. R. McKinnon W. Wallace J. S. Baird G. E. Marshall	Eraser, etc	42.0
	W. R. McKinnon	Traveling expenses	34.6
	W. Wallace	do	34.6
	J. S. Baird	do	30.5
	G. E. Marshall	do	73.8
			34. ā 30. ā
	H. M. Hale	do	56.5
	M. Burns H. M. Hale J. F. Clark	do	103.4
	H. A. Smith	do	10.5
	J. W. Riggs	do	28. 2 217. 2 85. 5
	H. A. Smith J. W. Riggs R. G. Zou W. H. Mast	do	217.2
	W. H. Mast W. L. Hall	do	85.5 28.3
	W. D. Sterrett	do	79.4
	W. D. Sterrett. A. K. Chittenden H. O. Tunis	do	79. 4 27. 8
	H. O. Tunis	do	56.F
11	G S Cleland	do	27.8
	M. C. Jensen C. A. Scott T. P. Lukins	do	27.8 40.3
	C. A. Scott	do	106.0
	T. P. Lukins	do	264.0
	R. G. Giffin W. B. Howard A. F. Hawes	do	73.6 33.4 47.2

Date.	Name.	Nature of payment.	Total.
1904.			
Apr. 11	J. G. Peters. J. W. Tourney M. P. Colbath	Traveling expenses	\$175.71
	J. W. Tourney	Storage	97.13
12	M. P. Colbath Library Bureau. United States Envelope Co. Turner, Day & Woolworth Handle Co. C. S. Chapman W. A. Smith J. F. Bond W. F. Hubbard J. D. Guthrie	Storage	5,00 17,00
12	United States Envelope Co	File tray Envelopes Hatchet handles Traveling expenses	4.60
	Turner, Day & Woolworth Handle Co	Hatchet handles	4.80
13	C. S. Chapman	Traveling expenses	426, 26
15	W. A. Smith	Services	36.00
16	J. F. Bond	Traveling expenses	17.95
19	W. F. Hubbard	do	146, 67 85, 75
	S. J. Holsinger	do	85.75 132.28
	W. K. Hatt	do	109.86
	J. W. Warren	do	101.16
	W. C. Hodge, jr	do	101.16 89.35
	S. J. Holsinger W. K. Hatt. J. W. Warren W. C. Hodge, jr C. H. Herty E. S. Carneron Lowell Warehouse Co Ji K. Bishop Chicago, St. Paul, Minneapolis and Omaha	do	275.38
	E. S. Cameron	Horse hire	45.00
20	Lowell Warehouse Co	Storage	43.50
20	Ji K. Bishop. Chicago, St. Paul, Minneapolis and Omaha	Passanger transportation	11. 26 82. 50
	Rwy Co	r assenger transportation	02.00
	The Chicago and Alton Rwy. Co.	do	14.40
	Texas and New Orleans R. R. Co	do	8 35
	The Chesapeake and Potomac Telephone Co.	Service	104.25
	The Pennsylvania R. R. Co.	Passenger transportation	104. 25 27. 75 14. 20
	Rwy. Co. The Chicago and Alton Rwy. Co. Texas and New Orleans R. R. Co. The Chesapeake and Potomac Telephone Co. The Pennsylvania R. R. Co. Washington, Chattanooga and St. Louis Rwy. Co.	do	
	Burlington and Missouri River R. R. Seaboard Air Line Rwy. Co. Ernest Bruncken Lamb & Tilden. Library Bureau American Type Founders Co.	do	6.63
	Seaboard Air Line Rwy, Co.	do	5, 15
21	Ernest Bruncken	Manuscript	500.00
25	Lamb & Tilden	Ink, etc.	9.25
	Seaboard Air Line Rwy. Co.  Ernest Bruncken Lamb & Tilden Library Bureau American Type Founders Co Martin Wiegand Remington Typewriter Co. Potomac Electric Power Co. Richd. Gasch & Sons.	Cards	4.30 364.68
	American Type Founders Co	Type, etc.	364.68
	Remington Typewriter Co	Adjusting typewriter	100.00 25.34
	Potomac Electric Power Co	Current	. 67
	Richd, Gasch & Sons	Repairing lock	. 67 1. 00
	J. K. Bishop. Felt & Terrant Manufacturing Co. Merchants' Transfer and Storage Co. R. P. Andrews & Co.	Type, etc. File case. Adjusting typewriter Current Repairing lock Photo supplies Repairing comptometer Labor Envelopes Photo glass	21.83
	Felt & Terrant Manufacturing Co	Repairing comptometer	11.00
	Merchants' Transfer and Storage Co	Labor	6.00 57.60
	Geo. E. Corbett	Photo glass	26. 25
	Delano & Moore	Photo supplies	115.79
	Delano & Moore Harvard Laundry Co. H. von Schrenk	Photo glass Photo supplies Laundering towels Traveling expenses	4.78
26	H. von Schrenk	Traveling expenses	4.78 94.75
	H. Voll Schleik E. S. Bruce W. C. Hodge, jr C. O. Sparas G. Alleman	do	46, 77
	W. C. Hodge, jr	do	14. 20 11. 70
	C. Allemen	do	92.33
	A. D. Hopkins	do	7.40
	do G. F. Schwarz Western Union Telegraph Co	do	22.70 2.55
	G. F. Schwarz	do	2.55
27	Western Union Telegraph Co	Service	4.81
	Postal Telegraph Cable Co	Doub ald	5. 27
	J. Geo. Smith	Pennolders	4.10 4.80
	Barber & Ross	Cut saw. etc	3.50
	Woodward & Lothrop	Furniture	605.75
	Blue Line Transfer Co	Transportation	2.41 17.36
	do	do	17. 36
	United States Express Co.	do	8. 20 3. 50
	Jas. A. Nicholson & Son.	Canvas	3.30
	M. G. Copoland Co	Panairing flags	4.30 2.25
	District of Columbia Paper Manufacturing Co	Paper	5.94
	Barber & Ross.	Hardware, etc	15. 58
	Wm. Brown	Labor	2.00 4.20
28	A. D. Hopkins	Passenger transportation	4.20
	Michigan Central R. R. Co	00	3. 19
30	C. B. Sudworth et al	Salaries	3. 19 1. 71 7, 040. 99
50	E. E. Adams	Services	24.70
	E. E. Bogue	do	24. 70 24. 70 24. 70
	W. W. Everett	do	24.70
	R. T. Fisher	do	24.70
	Barber & Ross. Wm. Brown The Yazoo and Mississippi Valley R. R. Co. Michigan Central R. R. Co. Chesapeake and Ohio Rwy. Co. G. B. Sudworth et al. E. E. Adams. E. E. Bogue. W. W. Everett. R. T. Fisher E. M. Griffith H. M. Hale	do	24.70
	H M H916		24.70
	H. M. Hale R. S. Hosmer C. D. Howe.	do	24.70

Date.	Name.	Nature of payment.	Total.
1904.	C. A. W. Aug	Q	804 70
Apr. 30	C. A. Norton L. Krautter, jr A. E. Oman L. L. White J. D. Guthrie W. B. Howard E. A. Ziegler C. Feagan E. T. Greene W. H. Mast C. O. Sparks C. Barry H. E. Burke T. F. Borst R. E. Benedict A. E. Cohoon E. P. Fulks H. D. Hartley M. C. Jensen R. S. Kellogg J. W. Riggs C. A. Scott S. P. Woolfolk W. Wallace J. W. Warren M. Burns M. W. Ely	Services	\$24.70 24.70
	A. E. Oman	do	24. 70 24. 70 24. 70 39. 60
	J. D. Guthrie	do	39, 60
	W. B. Howard.	do	39.60
	E. A. Ziegler C. Feagan	do	39.60 49.50
	E. T. Greene	do	49.50
	W. H. Mast	dodo	49.50 49.50
	C. Barry	do	49. 50
	H. E. Burke	dodo	49. 50 49. 50
	R. E. Benedict.	do	59.30
	A. E. Cohoon	do	59.30 59.30
	H. D. Hartley	do	59.30
	M. C. Jensen	do	59.30
	J. W. Riggs	do	59.30 59.30
	C. A. Scott	do	59.30
	W. Wallace	do.	59.30 59.30
	J. W. Warren	do	59.30
	M. Burns.	do	74.20 74.20
	M. W. Fly. W. H. B. Kent. W. R. McKinnon. S. Riley. E. A. Braniff. J. S. Baird. A. W. Cooper. J. F. Clarke.	do	74. 20 74. 20 74. 20
	W. R. McKinnon	do	74.20
	E. A. Braniff	do.	82.40
	J. S. Baird	do	82.40 82.40
	J. F. Clarke	do	82.40 82.40
	H. M. Curran	do	82.40
	G. Farley	do	82. 40 82. 40
	S. B. Detwiler G. Farley A. F. Hawes R. P. Imes	do	82.40
			82.40 82.40
	T. P. Lukens F. G. Miller J. G. Peters	do	82.40
	F. G. Miller	do	82.40 82.40
	W. D. Sterrett T. S. Woolsey, jr. C. S. Chapman A. K. Chittenden	do	82, 40
	T. S. Woolsey, jr	do	82.40 98.90
	A. K. Chittenden	do	98.90
			98. 90 98. 90
	G. Du Bois R. G. Giffin W. C. Hodge, jr G. E. Marshall	do	98.90
	W. C. Hodge, jr.	do	98.90 98.90
	F. W. Reed.	do	98.90
	F. W. Reed. E. A. Sterling. F. Klarpp.	do	98.90 69.20
			69.23
	W. A. Langille A. F. Potter E. T. Allen	do	148.30
	E. T. Allen	do	148.30 148.30
	L. E. Hunt	dodo	164.80
	T. H. Sherrard E. S. Bruce	do	164, 80 206, 00
	H. von Schrenk	do	206.00 206.00
	E. S. Bruce H. von Schrenk W. K. Hatt H. D. Langille H. J. Tompkins W. G. Durbin	do	185.45 109.89
	H. J. Tompkins	do	115.40 13.85
	G. H. Cecil R. V. R. Reynolds D. Rodman	do	15, 82
	R. V. K. Reynolds.	dodo	19.78 26.37
	A. Ackerman	do	29.25
	M. Johnson	do	36. 26 44. 51
	H. A. Paul	do	47.48
	C. H. Herty G. Alleman	do	55. 63 60. 00
3.6	M. Johnson J. F. Appieby H. A. Paul C. H. Herty G. Alleman W. A. Smith E. A. Braniff	do	36.00
May 2	E. A. Braniff	. Traveling expenses	106.88

ate.	Name.	Nature of payment.	Total.
904.			
y 3	E. A. Sterling.	Traveling expenses	\$90.
4	H. D. Aller	Services	10.
	S. J. Holsinger Eastman Kodak Co. Eugene Dietzgen Co. The Anthony & Scoville Co. Wells, Fargo & Co. Express.		148.
	Eugene Dietzgen Co	Thoto supplies Road pen Photo supplies Transportation Services Index Score of the	56. 4.
	The Anthony & Scoville Co.	Photo supplies	3.
	Wells, Fargo & Co. Express.	Transportation	2.
	II. I. McDelli	Bel vices	23.
	W. G. Johnston & Co Mackall Bros. Howard S. Nyman, collector of customs. L. E. Hunt. C. G. Crawford E. T. Greene. F. Klarpp. H. Grinnell. E. A. Braniff. W. B. Howard. T. P. Lukens. C. A. Scott. J. W. Warren.	Index	2.
6	Mackall Bros.	Soap, etc	17.
7	Howard S. Nyman, collector of customs	Traveling expenses	9. 13.
4	C. G. Crawford	do	104.
	E. T. Greene	do	85.
	F. Klarpp	do	22. 17.
	H. Grinnell	do	17.
11	E. A. Braniff	do	200.
	W. B. Howard	00	32.
	C. A. Soott	do	32. 127. 137.
	I W Warren	do	110.
	H. A. Smith	do	32
	do	do	84
	H. A. Swith H. A. Smith do F. Barteldes & Co The Donaldson Co	Seeds	4
	The Donaldson Co. Herman Bealmear	Trees	1
			55
	Eugene Ditzgen Co. Amcerg File and Index Co. Sieter & Trussell Manufacturing Co.	Indoves etc	20 17
	Sieter & Trussell Manufacturing Co	Unimatic covers	65
			30
12	W. H. Dyer. Southern Printers' Supply Co. Ira N. Bovee. Henry Driml R. T. Fisher.	Photo supplies Drawing board	43
	Southern Printers' Supply Co	Mailing machine	190
	Ira N. Bovee.	Services	35
	Henry Drimi.	The welling of our on an	28 32
	S. B. Detwiler	do do	80 80
	I W Toumey	do	21
	Geo. E. Marshall.	do	169
	S. B. Detwiler J. W. Toumey Geo. E. Marshall J. S. Baird J. W. Riggs W. R. McKinnon R. G. Giffin G. Fariey The Geo. W. Knox Express Co. Adams Express Co. do F. A. Schmidt Rudolph, West & Co. W. B. Moses & Sons	do	3
	J. W. Riggs	do	29
	W. R. McKinnon	do	, 5
	R. G. Giffin	do	20 75
13	The Coo W Kney Express Co	Transportation	20
10	Adams Express Co	do	15
	do.	do	18
	F. A. Schmidt Rudolph, West & Co. W. B. Moses & Sons. M. Du Perow.	Reading glasses, etc	81
	Rudolph, West & Co	Hardware	28 27
	W. B. Moses & Sons.	Chair, etc	27 50
	M. Du Perow	Electric supplies	
	Jas. B. Lambie Co. (Incorporated) The Maurice Joyce Engraving Co.	Engraving	4
	W H Rupp Co	Ink etc	2
	The Maurice Joyce Engraving Co. W. H. Rupp Co. James B. Lambie Co. (Incorporated). American Writing Machine Co. Jno. B. Espey. E. S. Newman. Barber & Ross. Capital Traction Co. The J. C. Ergood Co. Lamb & Tilden. National Electric Supply Co. E. G. Schafer & Co. E. Morrison Paper Co. W. A. Smith. W. H. B. Kent G. L. Clothier.	Brooms, etc. Engraving. Ink, etc. Hardware	6
	American Writing Machine Co	Paper	11
	Jno. B. Espey	Electric supplies	3
	E. S. Newman	Repairing machine	7 16
	Capital Traction Co	Tickets	10
	The L C Ergood Co	Pearline	2
	Lamb & Tilden	Dating stamp	2
	National Electric Supply Co	Supplies	4
	E. G. Schafer & Co	Brass pipe, etc	1
	E. Morrison Paper Co	Drawing materials	22
14 16	W. A. SIMITH.	Treveling expenses	36 25
10	G. L. Clothier	do	91
	H. E. Burke	do	40
18	Edwd. Howe	Books	30
	Central of Georgia Rwy. Co	Passenger transportation	8
	Capital Traction Co The J. C. Ergood Co Lamb & Tilden National Electric Supply Co E. G. Schafer & Co E. Morrison Paper Co W. A. Smith W. H. B. Kent G. L. Clothier H. E. Burke Edwd. Howe Central of Georgia Rwy. Co The Yazoo and Mississippl Valley R. R. Co. Great Northern Rwy. Co Norfolk and Washington, D. C., Steamboat Co. Rear Margaette R. R. Co.	do	6
	Great Northern Rwy. Co	do	4 5
	Noriolk and Washington, D. C., Steamboat	0D	5
	Co. Pere Marquette R. R. Co.	do	64
	Pere Marquette R. R. Co. Seaboard Air Line Rwy The Atchison, Topeka and Santa Fe Rwy. Co. Southern Rwy. Co. Chicago and Northwestern Rwy. Co.	do	31
	The Atchison, Topeka and Santa Fe Rwy, Co.	do	25 22

Date.	Name.	Nature of payment.	Total.
1904.			
May 18	Atlantic Coast Line R. R. Cododo.  Dennsylvania CoWashington Southern Rwy. CoThe Chesapeake and Ohio Rwy. Codo  Lehigh Valley R. R. CoChicago, Rock Island and Gulf Rwy. Co The Fecos and Northern Texas Rwy. Co The Fecos and Northern Texas Rwy. Co The Oregon R. R. and Navigation Co Northern Pacific Rwy. Co Alabama and Great Southern R. R. Co Canadian Pacific Rwy. Co Texas and New Orleans R. R. Co Southern California Rwy. Co Chicago, Milwaukee and St. Paul Rwy. Co Louisville and Nashville R. R. Co Mobile and Ohio Rwy. Co Illinois Central R. R. Co  do	Passenger transportation	\$16.70
	do	do	68.71 17.50
	Washington Southern Rwy, Co	do	13 40
	The Chesapeake and Ohio Rwy. Co	do	55.20 12.50 10.30 11.05
	do	do	12.50
	Lehigh Valley R. R. Co	do	10.30
	The Pecos and Northern Texas Rwy Co	do	18.60
	Central R. R. Co. of New Jersey	do	6.50 79.35
	The Oregon R. R. and Navigation Co	do	79.35
	Northern Pacific Rwy. Co	do	16.45 56.15
	Canadian Pacific Rwy Co	do	75.50
	Texas and New Orleans R. R. Co.	do	114-00
	Southern California Rwy, Co	do	$114.00 \\ 170.20$
	Chicago, Milwaukee and St. Paul Rwy. Co	do	18.60 47.20 8.38 11.25
	Mobile and Objo Rwy Co	do	\$ 38
	Illinois Central R. R. Co.	do	11.25
	do	do	5.70
	Clyde's St. Johns River Line	do	5.75
	Illinois Central R. R. Codo. Clyde's St. Johns River Line. The Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.	0D	20.60
	do	do	18.50
	Louis Rwy. Co. do. do. The Wabash R. R. Co. R. L. Marston. W. K. Hatt J. F. Clark E. A. Sterling H. M. Curran. S. P. Woolfolk M. C. Jensen. A. F. Hawes E. E. Bogue R. C. Bryant	do	20. 25 14. 30 107. 25
	The Wabash R. R. Co	do	14.30
19	R. L. Marston	Services	107.25
	W. K. Hatt.	Traveling expenses	18.13 97.54
	E. A. Sterling	do	106.44
	H. M. Curran	do	68.40
	S. P. Woolfolk	do	28.42
21	M. C. Jensen	do	38.40
	E. E. Bogue	do	124.60 21.55
	R. C. Bryant	do	91.00
	T. J. Griffin	Transportation	2.63
23	R. C. Bryant T. J. Griffin New Union Sand Co Eastman Kodak Co R. C. Schaefer & Co	Sand	2.63 32.58 101.91
24	Eastman Kodak Co. R. C. Schaefer & Co. Capital Traction Co. Wm. Brown	Photo supplies	5.00
24	Capital Traction Co	Repairing Tickets Labor	10.00
	Wm. Brown	Labor	2.00
	S. Tompkins W. F. Hubbard	Services Traveling expenses.	34.62
	W. F. Hubbard	Traveling expenses	33.46 69.00
	G. Alleman A. Ackerman	Expenses. Traveling expenses.	37.90
25	Delano & Moore	Photo supplies	37.90 48.15
26	T. F. Borst.	Photo supplies. Traveling expenses.	94.47
	do. do. R. S. Kellogg. F. Tompkins. W. A. Smith G. B. Sudworth et al. E. M. Griffith	do	76.35 76.80
	R. S. Kellogg	do	36.48
	F. Tompkins.	Service	49.50
31	W. A. Smith	do	39.00
une 1	G. B. Sudworth et al	Salaries	7,720.37 27.60
ине 1	C. D. Howe	do	27.60
	C. D. Howe R. T Fisher C. A. Norton	do	27. 60 27. 60 27. 60
	C. A. Norton	do	27.60
	L. L. White.	do	27.60
	R. S. Hosmer	do	27.60
	H. M. Hale A. E. Oman E. E. Bogue	do	27.60 27.60
	E. E. Bogue	do	27.60
	L. Krautter, jr.	do	27.60
	E. E. Bogue L. Krautter, jr E. E. Adams J. D. Guthrie	do	27. 60 40. 80
	W. B. Howard	do	40.80
	W. B. Howard E. A. Ziegler W. Burbridge D. Rodman	do	40.80
	W. Burbridge	do	40.80
			40.80 51.00
	C. Barry	do	51.00
	C. Barry E. T. Greene C. Feagan	do	51.00 51.00
	C. Feagan	do	
	T. F. Borst	do	51.00 51.00
	T. F. Borst. W. A. Mast. E. B. Fulks H. A. Paul.	do	61.40

## $Expenditures\ of\ the\ Department\ of\ Agriculture\ for\ fiscal\ year\ ending\ June\ 30,\ 1904\\ -- {\tt Cont'd}.$

Date.	Name.	Nature of payment.	Total.
1904.			
June 1	R. S. Kellogg S. P. Woolfolk M. C. Jensen R. E. Benedict	Services	\$61.40
	S. P. Woolfolk	do	61.40
	M. C. Jensen	do	61.40
	A. E. Cohoon	do	61.40 61.40
	W. Wallace H. D. Hartley J. W. Warren J. W. Riggs	do	61.40
13	H. D. Hartley	do	61.40
	J. W. Warren	do	61.40
	J. W. Riggs	do	61.40
	C. A. Scott. F. P. Lukins E. Koch.	do	61.40
	F. P. Lukins	do	61.40 85.20 85.20
	I C Roird	dodo	85.20 85.20
	A. W. Cooper	do	85.20
	G. Farley	do	85, 20
	J. F. Clarke	do	85. 20 85. 20 85. 20
	S. B. Detwiler	do	85.20
	F. G. Miller	do	85. 20 85. 20 85. 20
	A. F. Hawes	do	85.20
-	E A Braniff	do	85.20
	E. Koch. J. S. Baird. A. W. Cooper G. Farley J. F. Clarke S. B. Detwiler F. G. Miller A. F. Hawes R. P. Imes E. A. Braniff H. M. Curran J. G. Peters B. BU D. S. C.	do	85. 20 85. 20
	J. G. Peters	do	85. 20 85. 20
	M. Burns. W. R. McKinnon M. Ely W. H. B. Kent	do	76.60
	W. R. McKinnon	do	76.60
1	M. Ely	do	76.60
•	W. H. B. Kent	do	76.60
	F W Rood	do	76.60 102.20
	W. C. Hodge, ir	do	102. 20
	R. G. Giffin	do	102. 20 102. 20
	G. E. Marshall	do	102 20
	C. Dubois	do	102. 20 102. 20 102. 20
	G. E. Clement	do	102. 20
	A Chittenden	do	102.20
	E. A. Sterling	do	102.20
	G. Alleman.	do	60.00
10	M. H. B. Kent S. Riley F. W. Reed W. C. Hodge, jr R. G. Giffin G. E. Marshall C. Dubois G. E. Clement C. S. Chapman A. Chittenden E. A. Sterling G. Alleman H. J. Tompkins W. K. Hatt H. von Schrenk E. S. Bruce A. F. Potter S. J. Holsinger E. T. Allen L. E. Hunt T. H. Sherrard	do	119.20
	W. K. Hatt	do	191.60
	H, von Schrenk	do	213.00 213.00
	A F Potter	do	153.40
	S. J. Holsinger	do	153.40
	E. T. Allen	do	153, 40
	L. E. Hunt	do	170.40
	T. H. Sherrard	do	170.40
3	T. Klarpp. Rand, McNally & Co. Remington Typewriter Co.		71.60 2.95
9	Rand, McNany & Co	Typowritor paper etc	40.60
	Jno. C. Ran	Electric supplies	6.90
	Jno. Pitzinger	Seeds.	4.00
	Remington Typewriter Co Jno. C. Rau Jno. Pitzinger Keuffel & Esser Co United States Express Co. Yawman & Erb Manufacturing Co. Woodward & Lothron	Maps. Typewriter paper, etc. Electric supplies Seeds Seeds Steel rules, etc. Transportation	12.00
	United States Express Co	Transportation	7.85
	Woodward & Lothron	Indexes, etc	66.00
	Yawman & Erb Manufacturing Co. Woodward & Lothrop. J. T. Thomson C. Schneider Sons. Felt & Tarrant Manufacturing Co. Jno. B. Espey. Chas. R. Edmonston. Fastman Kodyk Co.	Chairs, etc. Letter heads.	18. 15 45. 00
	C. Schneider Sons	Repairing	1.00
	Felt & Tarrant Manufacturing Co	Repairing Comptometer	125.00
	Jno. B. Espey	Asbestos	8.90
	Chas. R. Edmonston	Filter	6.40
£.,	Eastman Rodak Co	Photo supplies	63.14
	M. Du Perow	Drawing tables ata	33.01 34.00
	Wm. H. Dyer Church & Stephenson	Photo supplies Electric supplies Drawing tables, etc Lumber, etc	128. 78
		Manuscript	30.00
	Barber & Ross	Hardware Desk pads, etc Cardboard Transportation	9.30 8.81
	R. Carter Ballantyne	Desk pads, etc	8.81
	R. P. Andrews & Co.	Uardboard	14.42
	Austin Cary Barber & Ross R. Carter Ballantyne R. P. Andrews & Co. Adams Express Co. American Type Founders Co. Mallinckrodt Chemical Works Merchants Transfer and Storage Co. Francis Miller	Type	78.44 239.90
	Mallinckrodt Chemical Works	Type. Photo supplies.	1.75
	Merchants Transfer and Storage Co.	Hauling	10.25
	Francis Miller	Hauling Photo supplies	36,59
	Francis Miller. W. B. Moses & Sons. Lutz & Co.	Furniture. Leather cases, etc.	29.50
	Lutz & Co.	Leather cases, etc	39.25 .55
	Lamb & Tilden. S. Kann Sons & Co S. P. Johnson.	Stencil paste brush	12. 25

Date.	Name.	Nature of payment.	Total.
1904.			
June 3	The M. Joyce Engraving Co	Die	\$1.00
6	W. & L. E. Gurley Western Union Telegraph Co. R. L. Marston	Service	30.00 123.35
11	R. L. Marston	Services	123.35 42.25
	H. A. Smith L. E. Hunt W. L. Hall W. K. Hatt	do	105.00
	L. E. Hunt	Traveling expenses	22.05 76.34 68.90
	W. K. Hatt	do	68.90
	W. K. Hatt E. S. Bruce W. B. Howard J. W. Riggs S. P. Woolfolk R. T. Fisher	do	119, 50
	W. B. Howard	do	8, 95 29, 88
	S. P. Woolfolk	do	29.88 15.68
	R. T. Fisher	do	26.41
	M. C. Jensen J. S. Baird E. A. Braniff E. T. Greene	do	37.05
	J. S. Baird	do	9.50 96.94
	E. T. Greene	do	82.58
	E. Koch	do	4 00
13	J. D. Guthrie	do	81.05 37.55 41.95
	T. Krautter ir	do	37.55
	A. E. Oman	do	41.80
	J. F. Clark	do	66, 54
	H. A. Paul	do	70.85
	R. G. Giffin	do	41. 54 42. 68
	W. R. McKinnon	do	56 14
	J. W. Warren	do	128. 29 89. 25
,	M. Burns	00	89.25
	E. A. Sterling	do	15. 15 110. 30
	C. Feagan	do	81.55
	H. E. Burke	do	18. 85 75. 50
	F. G. Miller	do	45.44
15	W. A. Smith	Services	39.00
17	H. A. Smith	Traveling expenses	53.35
20	E. T. Greene E. Koch J. D. Guthriedodo L. Krautter, jr A. E. Oman J. F. Clark H. A. Paul G. Farley R. G. Giffin W. R. McKinnon J. W. Warren F. Tompkins M. Burns E. A. Sterling C. Feagan H. E. Burke G. E. Marshall F. G. Miller W. A. Smith J. No. Foley W. A. Smith J. Or. Foley S. B. Detwiler J. W. Tourney F. Klarpp A. F. Hawes C. A. Scott	do	17.75 71.49
	J. W. Tourney	do	58.47
	F. Klarpp	do	11.10
	A. F. Hawes C. A. Scott G. Alleman	do	159.35 411.17
		Exponence	63.44
	The Chesaneake and Potomac Telephone Co	Services	2 70
	M. Du Perow Eugene Dietzgen Co Jno. C. Parker Adams Express Co	Electric supplies	23.10
	Ino C Parker	Paper cutter, etc	8.15 70.36
	Adams Express Co.	Transportation	12.70
13	Wm. H. Dyer Henry Driml Ira N. Bovee Wm. Brown	Drawing table	25.00
	Henry Driml	Servicesdo	28.00
	Wm. Brown	Labor	35.00 2.00
	Swayze, Bailey & Co. Union City Transfer Co		20.00
	Union City Transfer Co	Storage Service Hose Traveling expenses	2.75 17.07
	Western Ünion Telegraph Co	Service	26.50
21	T. H. Sherrard	Traveling expenses	154.05
	T. P. Lukens	UO	71 78
22 25	Rufus B. Merchant.	Maps.	5.60
29	Compton Heights Plumbing Co	Traveling expenses Gas and water supplies	115.65 20.84
	do	Services	18.00
	S. S. Shedd & Bros. Co	Services. Plumbing, etc.	128.95
	The Donaldson Co	Type	3.00 5.00
	Rutus B. Merchant. G. E. Clement. Compton Heights Plumbing Codo S. S. Shedd & Bros. Co. Southern Printers Supply Co. The Donaldson Co. Delano & Moore. J. W. Faucett.	Trees. Photo supplies.	49.25
	J. W. Faucett.  Mallinckrodt Chemical Works.  Byron S. Adams.	Photo supplies Window shades	2,50
	Mallinckrodt Chemical Works	Chemicals	21.80
	R. C. M. Burton & Son.	Covering awnings	1.75 18.00
	R. P. Clarke Co.	Towels	11.70
0.0	Holmes & Co W. A. Smith	window snades Chemicals Tags Covering awnings Towels Tubing Services	2.16 30.00
30	W. A. Smith G. B. Sudworth et al	Services Salaries	30.00 7,041.26
	G. D. Suu n OI III OV al	Datalico	1,041.20
	Total fourth quarter		56,860.61
		1	

Date.	Name.	Nature of payment.	Tota
	Supplemental.		
1904. uly 1	C D Howa	Commisse	20
uly 1	C. D. Howe E. M. Griffith L. Krautter, jr A. E. Oman R. S. Hosmer H. M. Hale L. L. White	do	\$24
	L. Krautter, jr	do	24
	A. E. Oman	do	2/ 2/ 2/ 2/ 2/ 2/ 2/ 3/ 3/
	R. S. Hosmer	do	24
	I. I. White	do	24
	L. L. White E. E. Bogue R. T. Fisher	do	2
	R. T. Fisher	do	2
	K. I. Fisher E. A. Ziegler J. D. Guthrie A. O. Waha A. S. Peck W. B. Howard H. E. Burke J. L. Webb	do	39
	J. D. Guthrie	do	31
	A. O. Wana		3
	W. B. Howard	do	3
	H. E. Burke	do	4
	J. L. Webb	do	4
	C. Barry	do	4
	F T Greene	do	4' 4' 4'
	W. H. Mast	do	4
	T. F. Borst	do	4
	R. S. Kellogg	do	5 5
	W. Wallace	do	5
	C. Barry C. Feagan E. T. Greene W. H. Mast T. F. Borst R. S. Kellogg W. Wallace E. B. Fulks M. C. Jensen H. A. Paul C. A. Scott J. H. Hatton	do	5
	H. A. Paul	do	5 5 5
	C. A. Scott	do	5
	J. H. Hatton J. W. Warren J. W. Riggs	do	5
	J. W. Warren	do	5
	J. W. Higgs	do	5
	A. E. Cañoon R. E. Benedict R. V. R. Reynolds M. Burns W. R. McKinnon M. W. Ely W. H. B. Kent S. Riley L. C. Miller	do	5 5 5
	R. V. R. Reynolds	do	5
	M. Burns	do	7
	W. R. McKinnon	do	7
	M. W. Ely	do	7
	S. Rilev	do	7
	L. C. Miller	do	8
	L. C. Miller T. P. Lukens J. S. Baird	do	. 8
	J. S. Baird	do	`8
	J. F. Clarke F. G. Miller R. P. Imes	do	8
	R. P. Imes	do	8
			8 8 8
	A. F. Hawes	do	8
	A. F. Hawes. E. A. Braniff A. W. Cooper.	do	8
	H. M. Curran	do	8
	J. G. Peters	do	8
	J. G. Peters E. Koch	do	0
	S B Dotwillor	do	8
	E. A. Stirling		9
	G. E. Marshall R. G. Giffin	do	9
	R. G. Gillin G. E. Clement. C. S. Chapman H. C. Hodge, jr A. K. Chittenden F. W. Reed C. DuBois	do	8 9 9 9 9 9
	C. S. Chapman	do	9
	H. C. Hodge, jr.	do	9
	A. K. Unittenden.	do	9
	C. DuBois	d0	9
	E. T. Allen	do	14 14 16
	E. T. Allen S. J. Holsinger L. E. Hunt T. H. Sherrard	do	14
	L. E. Hunt	do	16
	H. Snerrard. H. von Schrenk.	do	16
	E. S. Bruce	do	20
	E. S. Bruce W. K. Hatt	do	20 20 18 6
	G. Alleman	do	6
	H. J. Tompkins	do	11
	F. Klarpp	00	12
	W. K. Hatt G. Alleman H. J. Tompkins F. Kilarpp H. A. Smith H. W. Everett F. Tompkins B. E. Babcock C. A. Norton C. A. Lyford W. Mulford J. M. Fetheroff	do	5
	F. Tompkins	do	13 5 10
	B. E. Babcock	do	
	C. A. Norton	do	
	U. A. Lyiord	do	1: 1: 1:
	W. Dianora		10

## $\label{lem:expenditures} \textit{Expenditures of the Department of Agriculture for fiscal year ending June~30,~1904---Cont'd.}$

ate.	Name.	Nature of payment:	Total.
1004	Supplemental—Continued.		
l904. ly 1	W. Burbridge	Services	\$23
iy 1	W. Burbridge J. F. Baker G. E. Tower	do	\$23. 32. 34.
	G. E. Tower	do	34.
	H. P. Baker R. B. Wilson A. Gaskill H. S. Graves	do	55
	R. B. Wilson	do	63.
	H. C. Croyres	Traveling expenses	63. 247. 51.
			47.
	L. E. Hunt. E. E. Bogue. W. F. Hubbard.	do	50.
	E. E. Bogue	do	19.
5	W. F. Hubbard	do	17.
	R. D. Craig	do	38.
	A. O. Walla	do	27. 27. 19.
	H. A. Smith	do	19.
6	A. E. Braniff	do	160.
	S. P. Woolfolk	do	50.
	E. T. Greene	do	92. 33.
	W. Mulford	Control	33.
	A Alzermen	Service	2. 9.
8	Clark & Davenport	Rubber treads	86
9	S. P. Woolfolk	Service	86. 59.
	E. E. Bogue W. F. Hubbard R. D. Craig A. O. Wahado. H. A. Smith A. E. Braniff S. P. Woolfolk E. T. Greene W. Mulford J. P. Wentling A. A kerman Clark & Davenport S. P. Woolfolk Z. L. Bliss H. von Schrenk C. A. McCue A. F. Potter A. F. Potter M. F. Hawes W. R. McKinnon W. I. Hutchinson R. T. Fisher G. B. Sudworth E. A. Sterling T. P. Lukins M. Burns J. S. Baird L. C. Miller	do	28.
	H. von Schrenk	Expenses	154.
14	C. A. McCue	Services	27. 148.
	A. F. Potter	Traveling expenses	289.
	W. R. McKinnon	dodo	89.
	W. I. Hutchinson	do	89. 17. 5.
	R. T. Fisher	do	5.
	G. B. Sudworth	do	69.
	E. A. Sterling	do	101. 114.
	M Rurns	do	40.
	J. S. Baird	do	36.
	L. C. Miller	do	56.
	R. E. Benedict	do	86.
	W. Wallace	do	63. 18.
15	J. S. Barrd L. C. Miller R. E. Benedict W. Wallace J. W. Riggs Z. L. Bliss	do	18. 20.
10	do	do	2.
	do	do	49.
- 4	G. W. Woodruff	do	37.
	E. S. Bruce	do	187.
	J. F. Baker	do	14.
	H von Schronk	Expanses	14. 39. 10.
18	R. S. Kellogg	Traveling expenses	24.
20	C. A. Scott	do	120.
	C. DuBois	do	70. 92.
	R. V. R. Reynolds	do	92.
	W. T. COX.	Turnbon	46.
	Z. L. Bliss do. do. do. G. W. Woodruff E. S. Bruce. J. F. Baker G. E. Marshall H. von Schrenk R. S. Kellogg C. A. Scott C. DuBois R. V. R. Reynolds W. T. Cox Church & Stephenson Z. D. Gilman Hydrographic Office Potomac Electric Power Co. Capital Traction Co	Bottles	221. 7. 26.
	Hydrographic Office	Charts	26
	Potomac Electric Power Co	Current	11.
	Capital Traction Co	Car tickets Carbon paper Thermometers	10.
19	Jno. Underwood & Co	Carbon paper	22.
	The Oberite Co. (Incorporated)	Thermometers	9.
	Luftin Rule Co. (Limited)	Rules etc	6.
	Fotomac Electric Power Co.  Capital Traction Co.  Jno. Underwood & Co.  Queen & Co. (Incorporated)  The Okonite Co. (Limited)  Lufkin Rule Co.  Keystone Blue Paper Co.  Library Burrou	Rules, etc. Lamps Cards, etc.	180.
	Library Bureau	Cards, etc.	36.
	Eberhard Faber Carter, Rice & Co Eugene Deitzgen Co Emery Davis Elliott Electric Blue Print Co	Erasers.	2. 7.
	Carter, Rice & Co	Wrapping paper	7.
	Eugene Deitzgen Co	Paper cutter	14.
	Elliott Electric Blue Print Co	Wringers	14.
	Eastman Kodak Co.	Cards, etc Erasers Wrapping paper Paper cutter Inkstands Wringers Photo supplies Fountain pen, etc Printers' supplies Indexes	89. 61
	Swayze Bailey Co	Fountain pen, etc	61. 5. 16.
	American Type Founders Co	Printers' supplies	16.
	Amberg File and Index Co	Indexes	. 8.
	I. N. Bovee.	Services	35.
00			
20	Eastman Kodak Co Swayze Bailey Co. American Type Founders Co. Amberg File and Index Co. I. N. Bovee. R. L. Marston R. G. Giffin S. Riley. J. H. Halton.	do	26. 70.

Date.	Name.	Nature of payment.	Total
	Supplemental—Continued.		
1904		m '11	
uly 20	S. J. Holsinger G. E. Clement F. G. Miller United States Express Co. The Baltimore and Ohio R. R. Co. The Chesapeake and Potomac Telephone Co. E. Morrison Paper Co. Francis Miller Mackell Bros	Traveling expenses	\$56 6.
	G. E. Clement	do	6.
	United States Express Co	Transportation	40
	The Reltimore and Ohio P. P. Co.	Passanger transportation	10 52
	The Chesaneake and Potomac Telephone Co.	Service	104
	E. Morrison Paper Co	Stationery	104 222 29 47. 6. 60. 3. 2 18.
	Francis Miller	Oil etc	20
	Francis Miller Mackall Bros Jas. B. Lambie Co. (Incorporated) Lutz & Co. Lamb & Tilden. The Geo. W. Knox Express Co. S. Kam's Sons & Co. Louis Hartig Giddings & Steele. The J. C. Ergood Co. Chas. R. Edmonston. W. H. Dyer Densmore Typewriter Co. Geo. E. Corbett. Barber & Ross Wm. Brown.	Photo supplies	47
	Jas. B. Lambie Co. (Incorporated)	Excelsior	6
	Lutz & Co.	Cases, etc	60
	Lamb & Tilden.	Racks	3
	The Geo. W. Knox Express Co	Transportation	2
	S. Kann's Sons & Co.	Cloth, etc	18.
	Louis Hartig	Iron	
	Giddings & Steele	Rugs	9.
	The J. C. Ergood Co	Pearline	2 5 43 87
	Chas. R. Edmonston	Glasses, etc	. 5
	W. H. Dyer	Drawing table, etc	43
	Densmore Typewriter Co	Typewriter	87
	Porbor & Dogg	Plate glass	56
	Wm Brown	Rugs Pearline Glasses, etc Drawing table, etc Typewriter Plate glass Hardware Labor	90
	R Cartar Rallantyma	Pone oto	65 133
	Remington Tynewriter Co	Typewriter etc	133
	Pope Manufacturing Co	Bicycle	40
	Geo. F. Muth & Co	Varnish, etc.	184 184
	Fred A. Schmidt	Drawing materials	184
	H. B. Trippe	Altering locks	34
	Underwood Typewriter Co	Typewriter, etc	126 120
	J. T. Walker's Sons.	Tar	
23	A. F. Potter	Traveling expenses	120
	H. J. Tompkins	do	52 13 47 36
	F. Klarpp.	do	13
	C. Feagan.	do	47
	M. C. Jensen	00	30
	I. Von Schrenk	do	66
	Torre Heute and Indiananalia P. D. Co.	Passangar transportation	, 38
	The Pennsylvenie P. P. Co	do	54
	do	do	54 5 68
	do	do	68
	Southern Rwy. Co.	do	71
	do	do	71 20 318
26	Delano & Moore	Photo supplies	318
30	Columbia Southern Rwy. Co	Passenger transportation	318 21 3 18
	Gulf Colorado and Santa Fe Rwy. Co	do	21
	Southern California R. R. Co	do	3
	Seaboard Air Line Rwy. Co	do	18
	Central of Coargie Part Co	do	32
	Chicago Milwayloo and Ct Paul Pwy Co	dodo	4 27
	St Louis and San Francisco P. P. Co	do	8
	The New York New Faven and Hartford	do	8
	R. R. Co.		
	Great Northern Rwy, Co.	do	17
	Geo. E. Corbett. Barber & Ross Wm. Brown R. Carter Ballantyne Remington Typewriter Co. Pope Manufacturing Co Geo. F. Muth & Co Fred A. Schmidt H. B. Trippe Underwood Typewriter Co J. T. Walker's Sons A. F. Potter. H. J. Tompkins F. Klarpp C. Feagan M. C. Jensen H. von Schrenk J. D. Guthrie Terre Haute and Indianapolis R. R. Co. The Pennsylvania R. R. Co. do do Southern Rwy. Co do Southern Rwy. Co Gulf Colorado and Santa Fe Rwy. Co. Southern California R. R. Co Southern California R. R. Co Conicago and Northwestern Rwy. Co Chicago and Northwestern Rwy. Co Chicago, Milwaukee and St. Paul Rwy. Co. The New York, New Haven and Hartford R. R. Co. Great Northern Rwy. Co Chicago, Milwaukee and St. Paul Rwy. Co. Chicago, Milwaukee and St. Paul Rwy. Co. Creatral of Georgia Rwy. Co. Creatral of Georgia Rwy. Co. Chicago, Milwaukee and St. Paul Rwy. Co. Creatral of Georgia Rwy. Co. Chicago, Milwaukee and St. Paul Rwy. Co. The New York, New Haven and Hartford R. R. Co. Great Northern Rwy. Co. Chicago, Milwaukee and St. Paul Rwy. Co. The Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.	do	19
	The Cleveland, Cincinnati, Chicago and St.	do	87
	Louis Rwy. Co		_
	The Chicago and Alton Rwy. Co	do	7 18 3
	The Atchison, Topeka and Santa Fe Rwy. Co.	do	18
	Southern California Rwy. Co	00	3
	Louis Rwy. Co The Chicago and Alton Rwy. Co. The Atchison, Topeka and Santa Fe Rwy. Co. Southern California Rwy. Co. The Kansas City Southern Rwy. Co. Mobile and Ohio R. R. Co. Texas and New Orleans R. R. Co. New York Central and Hudson River R.R.	do	11
	Towas and New Orleans P. P. Co.	dodo	4 11 45
	Now York Control and Hudson Pivor P. P.	do	11
	Co.		11
	Ann Arbor R. R. Co.	do	10
	Atlantic Coast Line.	do	20
	do	do	3
	Chesapeake and Ohio Rwy. Co	do	3 11 23
	Burlington and Missouri River R. R	do	23
	Illinois Central R. R. Co	do	5
	Union Pacific R. R. Co	do	3
ug. 1	Co. Ann Arbor R. R. Co. Atlantic Coast Linedo. Chesapeake and Ohio Rwy. Co. Burlington and Missouri River R. R. Illinois Central R. R. Co. Union Pacific R. R. Co. E. B. Foulks. H. A. Paul. W. K. Hatt J. W. Warren. A. Gaskill	Traveling expenses	5 3 130
	H. A. Paul	do	32 165 122
	W K Hott	dó	165
	TILLIAND	3	100

Dat	e.	Name.	Nature of payment.	Total.
100		Supplemental—Continued.		
190 ug.		G. E. Town	Traveling expenses	\$141
ug.	-	G. E. Town C. S. Jones American Writing Machine Co C. O. Sparks J. W. Toumey J. M. Fetheroff Woodward & Lothrop Mary E. Parker, executrix M. Du Perow National Electric Supply Co Potomac Electric Power Co D. Frank Parker R. P. Andrews & Co R. C. M. Burton & Son J. E. Hurley The Maurice Joyce Engraving Co J. F. Clarke J. S. Guthrie E. Koch	Horses Letter paper, etc. Traveling expenses do	\$141. 350.
		American Writing Machine Co	Letter paper, etc.	83.
	2	do do	do	18. 8. 27. 31.
		J. W. Toumey	do	27.
		J. M. Fetheroff.	do	31.
	3	Woodward & Lothrop	do Water cooler, etc. Desk pads Electric supplies Desk fans	77. 84.
		M. Du Perow.	Electric supplies	13.
		National Electric Supply Co	Desk fans	134.
		Potomac Electric Power Co	Current Carbon paper, etc.	166
		R. P. Andrews & Co.	Stationery.etc	140.
		R. C. M. Burton & Son	Awnings	31. 20.
		J. E. Hurley	Lumber	20.
		The M Lindsay Rubber Co	Tubing	2.
	6	J. F. Clarke	Traveling expenses	30.
	11	J. S. Guthrie E. Koch. C. O. Sparks F. Tompkins. W. T. Cox. W. H. Rupp Co. National Electric Light Co. Rudolph, West & Co. Carey Machine and Supply Co. Buckstaff Bros. Manufacturing Co. Geo. Shilling. W. & L. E. Gurley Felt & Tarrent Manufacturing Co. J. H. Wagenhurst Co. Wells, Fargo & Co. Express Co. do.	Stationery, etc. Awnings. Lumber. Engravings Tubing. Traveling expenses.	30. 112.
	12	E. Koch	Sarvices	65, 51
	16	F. Tompkins	doservicesTraveling expenses	51. 10.
		W. T. Cox	Services	18
	17	W. H. Rupp Co.	Baskets, etc	29
		Rudolph, West & Co	Waste baskets, etc	32
		Carey Machine and Supply Co	Harness, etc. Harness, etc. Repairs. Leather punches Compometer Photo. supplies. Transportation	146
		Buckstaff Bros. Manufacturing Co	Harness, etc	31 39
	18	W & I F Curley	Kepairs	39
	10	Felt & Tarrent Manufacturing Co.	Componeter	450
		J. H. Wagenhurst Co	Photo. supplies	340
		Wells, Fargo & Co. Express Co	Transportation	3 20
		do	do	20
		C. H. Hall	Services	70
	00	Wells, Fargo & Co. Express Cododo. C. H. Hall Henry Heil Chemical Co. Western Union Telegraph Co. R. P. Imes Henry Grinnell. United States Express Co. Wm. Walter Lake Shore and Michigan Southern Rwy. Co. Boston and Maine R. R. Codo. Nashville, Chattanooga and St. Louis Rwy. Co.	Carbolic acid	2.
	26 27	R P Imes	Traveling expenses	27. 79.
t.	2	Henry Grinnell	do	74.
	14	United States Express Co	Transportation	51.
	16 19	Vm. Walter	Repairs.	10. 12.
	10	Boston and Maine R. R. Co.	dodo	5.
		do	do	24. 19.
		Nashville, Chattanooga and St. Louis Rwy. Co.	do	19
		The Pennsylvania R. R. Co	do	49
				23 195
		Oregon Short Line R. P. Co	do	195
		Atlantic Coast R. R. Co.	do	21 11
		Burlington and Missouri River R. R.	do	11 17
		do. do. do. Oregon Short Line R. R. Co. Atlantic Coast R. R. Co. Burlington and Missouri River R. R. do. Chicago, Rock Island and Pacific Rwy. Co. Chicago, Burlington and Quincy Rwy. Co. Denver and Rio Grande R. R. Co. The Atchison, Topeka and Santa Fe Rwy. Co. The Texas and Pacific Rwy. Co. The Baltimore and Ohio R. R. Co. do. The Pullman Co. do. The Chesapeake and Ohio Rwy. Co. do. Washington Southern Rwy. Co. The Atchison, Topeka and Santa Fe Rwy. Co. Gia Valley, Globe and Northern Rwy. Co. Grand Trunk Rwy. System Clyde's St. John Road Line. Terre Haute and Indianapolis R. R. Co. Delaware, Lackawanna and Western Rwy. Co. Northern Pacific Rwy. Co.	do	14 10
		Chicago, Burlington and Quiney Rwy Co	do	10
		Denver and Rio Grande R. R. Co.	do	12. 40.
		The Atchison, Topeka and Santa Fe Rwy. Co.	do	54
		The Baltimore and Ohio R. R. Co	do	54. 26. 26.
		do	do	
		The Pullman Co	do	5
		The Chesapeake and Ohio Rwy Co	do	5. 40. 52.
		do	do	267.
		Washington Southern Rwy. Co	do	267. 11. 14.
		Gila Valley, Globe and Northern Rwy, Co.	Passenger transportation	14.
		Grand Trunk Rwy. System.	do	5. 2. 3.
		Clyde's St. John Road Line	do	3.
		Delawara Lagramana and Wooten Britania	do	7. 21.
		Co. Lackawanna and Western Rwy.		21.
		Northern Pacific Rwy. Co	do	34.
		Co. Northern Pacific Rwy. Co. Great Northern Rwy. Co. Georgia Southern and Florida Rwy. Co. Missouri Pacific Rwy. Co. The Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.	do	12.
		Missouri Pacific Rwy, Co	do	4. 23.
				17.

Date.	Name.	Nature of payment.	Total.
1904.	Supplemental—Continued.	•	
Sept. 19	The New York, New Haven and Hartford R. R. Co.	Passenger transportation	\$29.45
	The Oregon R. R. and Navigation Co.  Michigan Central Rwy. Co.  Missouri, Kansas and Texas Rwy. Co.	dodododo	2.60 14.85 15.85
20	J. T. Thomson	do	24. 45 45. 00
	Keuffel & Esser Co. W. B. Moses & Sons.	Compasses, etc.	207.84 150.90
	Adams Express Co The Geo. W. Knox Express Co	Transportation	21. 10 18. 93
22	T. F. Borst	Traveling expenses	24.60
24	Western Union Telegraph Co	Service	9.89
28	Loshe Patent Door Co. Loren E. Hunt.	Painting tables	4. 00 28. 52
	Total		18,816.84
	RECAPITULA		
second q	uarter		75,848.64

First quarter	\$62,784.38
Second quarter	75, 848, 64
Third quarter	
Fourth quarter	56 860 61
Supplemental	18 816 84
Supplemental the supple	10,010.01

## FORESTRY INVESTIGATION—DEFICIENCY ACT APPROVED APRIL 27, 1904—TESTING TIMBER, LOUISIANA PURCHASE EXPOSITION.

TIMBER, ECCISIANA TURCHASE EXTOSITION.			
Date.	Name.	Nature of payment.	Total.
1904. June 15	W. K. Hatt	Traveling expenses	\$44.68
	Total, fourth quarter, 1903		44.68
July 1	M. Cline		60.00
	G. W. Noyes H. D. Hartley	do	115.38 100.00
9	W. P. Turner	do	54. 15
20 23	Geo. E. Clement	Traveling expensesdo	5.50 88.35
30	The Wabash R. R. Co	Passenger transportation	18.30
Aug. 1	G. W. Noyes M. Winchester	Services	100.00 83.33
6	G. E. Clement	Traveling expenses	45, 67
8	M. Cline H. D. Hartley		60.00 100.00
Sept. 1	M. Cline	do	60.00
	H. D. Hartley G. W. Noves	do	100.00 100.00
	G. W. Noyes M. Winchester	do	83.33
17	Henry Taylor Lumber Co	Frame stand Erecting house, etc	3.60 355.70
10	do,	Erecting shed, etc	336.65 14.25
19 20	The Wabash R. R. Co		50.00
*04	W. K. Hatt	Traveling expenses	50.70 22.50
24	C. E. Faris. W. E. Owen		40.00
	J. M. Pavlick	do	23.70 55.00
	Daniel Shine The St. Louis Painting Co.	Services, painting, etc	46.50
	C. W. Hoffman	Services	69.00 75.00
	C. E. Faris A. M. Beckers Lumber Co.	Lumber	12.60
	The Garlock Packing Co	Packing	33.60 57.50
	The Bell Telephone Co. W. E. Owen	Service.	30.00
26 28	W. E. Owen G. E. Clements	Traveling expenses	50.00 35.11
20	W. K. Hatt.	do	66.00
	Total first quarter, 1904		2,601.42

### Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. FORESTRY INVESTIGATION—RENT OF BUILDINGS.

Da	te.	Name.	Nature of payment.	Total.		
190 Oct.		The Atlantic Building Co. Emmons S. Smith	Rent, July to September, 1903	\$1,773.40 67.50		
		Total second quarter, 1904		1,840.90		
190 Jan.	7	The Atlantic Building Co	Rent, October to December, 1903do	2,368.75 67.50		
		Total third quarter, 1904		2,436.25		
Apr.	9	The Atlantic Building Co. Emmons S. Smith. Merchants' Transfer and Storage Co.	do	2,413.75 67.50 15.00		
		Total fourth quarter, 1904		2,496.25		
July	2 5	' Supplemental.  The Atlantic Building Co Emmons S. Smith. Merchants' Transfer and Storage Co	do	2,413.75 67.50 45.00		
		Total		2,526.25		
Thir Fou	RECAPITULATION.   \$1,840.90     Third quarter   2,436.25     Fourth quarter   2,496.25     Supplemental   2,526.25					
	To	otal	***************************************	. 9,299.65		
	FORESTRY INVESTIGATIONS-PAID BY TREASURY					

#### FORESTRY INVESTIGATIONS—PAID BY TREASURY.

Date.	Name.	Nature of payment.	Total.
1903. Sept. 21	New York Central and Hudson River R. R.	Passenger transportation	\$323.35
	Co. Boston and Maine R. R. Co	do	175.30
Oct. 26	Pennsylvania R. R. Co. New York, New Haven and Hartford R. R.	do	78.75 138.00
			34, 75
Nov. 14	The Public Printer The Atchison, Topeka and Santa Fe Rwy. Co. Southern Pacific Co.	Passenger transportation	144.10 20.00
	Union Pacific Rwy. Co	do	30.00 126.79
Dec. 19	The Atchison, Topeka and Santa Fe Rwy. Co.	do	143.05
1904. Jan. 15	Southern Pacific Co	do	223.08
Feb. 10		37.	1,076.81
17	The Atchison, Topeka and Santa Fe Rwy. Co. The Geo. W. Knox Express Co	Transportation	155.50 30.79
Mar. 4	Blue Line Transfer Co. The Public Printer	Printing Bulletins Nos. 26 and 31.	2.05 409.50
	The Atchison, Topeka and Santa Fe Rwy, Co.	Transportationdo	8.61 77.75
Feb. 12	Southern Pacific Codo.	Passenger transportation	702.90 837.30
Apr. 14 June 15	Blue Line Transfer Co	do	8.10 21.83
Sept. 7	The Public Printerdo	Printing Army Cook Book	82.55 841.78
	do. Southern Pacific Co	Printing Circulars Nos. 48 and 50.	2,656.79 78.30
Oct. 1	dodo	do	295.85 121.67
	do	do	416. 10 5. 50
	The Public Printerdo.	Printing Bulletin No. 48	571.69 478.35
	do	Printing Circulars Nos. 29 and 31.	595.55
	Total		10,912.44

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FUEL, LIGHT, AND REPAIRS, WEATHER BUREAU, 1904.

Date.	Name.	Nature of payment.	Total.
1903.			
July 31	J. L. Weber & Co.	Soap polish	\$12.00
Aug. 6	W. H. Dyer J. B. Lambie Co. (Incorporated)	Soap polish Door jamb, etc. Wire	22.50 18.00
ziug. 0	Francis Miller	Glass.	1.67
15	T. J. Donovan The E. T. Brooks Co	Glass Repairing roof Electric appliance Desk Droplight Repairing roof, etc. Oil Paint do do Gas	2.00 9.00
19	M. Du Perow	Desk	4.00
	Welshach Co	Droplight	5,00
	John Moran. Geo. F. Muth & Codo	Repairing roof, etc	$28.75 \\ 3.30$
24	do	Paint	1.68
	dodododowashington Gaslight Cow.H. Dyer	do	$2.75 \\ 1.75$
	Washington Gaslight Co.	Gas	30.90
	W. H. Dyer	Gas Corner strips. Paris green. Repairing plastering.	6.00
	Hutton & Hilton	Paris green	1. 25 5. 00
	W. J. Zeh	Coal. Frescoing and calcimining	199.68
	James Linskey & Sons	Frescoing and calcimining	105.00 20.00
	do	Varnishing.	2.00
	do	Calcimining.	40.00
	do. John Moran	Pickaxes	4.00 2.00
	do	Frescoing and calcimining Painting Varnishing Calcimining Molding Pickaxes Forge equipment Spigots Lawn mower Electric-light brackets Brushes	8.00
	do. Rudolph, West & Co. M. Du Perow	Spigots	1.00 10.25
	M. Du Perow	Electric-light brackets	2.64
91	Hugh Reilly Thomas R. Fowler Notley Anderson Francis Miller	Brushes Hauling ashes Repairing building. Glass Lime Radiator	5.99
31 Sept. 9	Notley Anderson	Repairing building	10.25 600.00
15	Francis Miller	Glass	7.92
	John Moran Thos Somerville & Sons	Lime Radiator	1.00 9.60
	Washington Gaslight Co	Gas	24.20
99	James B. Lambie Co. (Incorporated)	Gas Hose and coupling Mantle, hearth, and grate	4.75 197.77
22 30	John Moran Thos. Somerville & Sons. Washington Gaslight Co. James B. Lambie Co. (Incorporated) J. H. Corning Thomas R. Fowler	Hauling ashes	9.75
	Total first quarter		1,420.75
Oct. 3	James Linskey & Sons	Painting and calcimining	135.00
12	James Linskey & Sons. J. T. Walker & Son Church & Stephenson.	Roof paste Lumber Putty Turpentine	1.00 58.50
	Geo. E. Muth & Co.	Putty	1.01
	Ismes B. Lambia Co. (Incorporated)	Turpentine	5.80 1.20
	James B. Lambie Co. (Incorporated) National Electrical Supply Co	Zine. Electrical supplies. Hauling ashes.	17.18
15 24	T. R. Fowler Francis Miller	Hauling ashes	8.25 4.60
24	dodo	Oil. Glass.	2.26 7.68
	National Electrical Supply Co	Lamps	7.68
	Barber & Ross	Repairs to plumbing	4.70 2.00
	John Moran E. G. Schafer & Co Washington Gaslight Co	Glass. Lamps Water trough Repairs to plumbing. Radiator valve Gas. Pant of five alarm boyes	2.50
	wasnington Gaslight Co	Rent of fire-alarm boxes	18.20 12.50
31	Instantaneous Fire Alarm Co. Thos. Somerville & Sons.	Rent of life-atarili boxes Pipe fittings Lumber Linseed oil Lumber Fertilizer Electrical supplies	1.64 3.00
	Church & Stephenson	Lumber	3.00 4.60
	Thos. R. Riley	Lumber	2.24
	Thos. R. Riley P. Mann & Co M. Du Perow Washington Gaslight Co T. R. Riley Thos. Somerville & Sons	Fertilizer	4.00 5.06
Nov. 10	Washington Gaslight Co	Gas	10.60
19	T. R. Riley		2.90
	John Moran.	Brass cap	1.00 40.45
		Brass cap Repairing closet, etc. Marble slab Repairing door Wood Cool	16.00 2.00
	James Linskey & Sons	Repairing door	2.00 6.94
	Wm. J. Zeh		6.25
	do	Turnentine	200. 57 2. 90
	Co. D. Marth & Co.		4.90
	d0 James Linskey & Sons Johnson Bros Wm. J. Zeh do. Geo. F. Muth & Co. Francis Miller	Lampblack	1.00
	Geo. F. Muth & Co. Francis Miller. James B. Lambie Co. (Incorporated)	do. Turpentine. Lampblack. Door spring.	1.00 3.35
24	Geo. F. Muth & Co. Francis Miller James B. Lambie Co. (Incorporated) Rudolph, West & Co. Wm. I. Dver	Lampblack Door spring Garden rakes Corner strips	1.00 3.35 .80 1.50
24	Geo. F. Muth & Co. Francis Miller James B. Lambie Co. (Incorporated) Rudolph, West & Co. Wm. J. Dyer Geo. F. Muth & Co. Reading Coal Co. Francis Miller	Lampblack Door spring Garden rakes Corner strips Japan dryer Coal Glass	1.00 3.35 .80

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. FUEL, LIGHT, AND REPAIRS, WEATHER BUREAU, 1904—Continued.

Da	te.	Name.	Nature of payment.	Total.
190	03.			
Nov		Francis Miller	Qil	\$2.30
		James B. Lambie Co. (Incorporated)	Door locks	4.58 1.50
		Thomas R. Fowler	Oil	4.6
Dec.		A. C. Rowe	Fire extinguisher	96.00
	14	A. C. Rowe. Welsbach Co. Wm. J. Zeh.	Hauling ashes. Fire extinguisher. Mantels and chimneys. Fuel	4.50
		Louis Hartio		200.79
		Louis Hartig Washington Gaslight Co. Francis Miller Thomas Somerville & Sons.	Gas. Oil. Galvanized pipe, etc.	3.60 12.20 2.30
	31	Francis Miller	Oil	2.30
		Thomas Somerville & Sons	Cement	1.4. 1.2
		do	Repairs to sink	16.2
		John Moran do. Geo. F. Muth & Co. Hugh Reilly	Gandanied pipe, etc. Cement . Repairs to sink . Oil Painting materials . Hauling ashes .	1.50
		Thomas R. Fowler	Painting materials	8.50 5.78
		Total second quarter		974.1
190		Washington On Nah + C	0	00.0
Jan.	14 18	Washington Gaslight Co. Chamberlain Metal Weather Strip Co. Wm. J. Zeh.	Gas. Weather strips Coaldo	20.00 6.00
	10	Wm. J. Zeh	Coal	6.36
		do	do	202. 29
	23	do. Keashey & Mattison Co. do. Francis Miller Mackall Bros. M. Du Perow Wm. J. Zeh T. R. Fowler	do Magnabestos covering Felt	6.6- 7.20
	20	do.	Felt	5. 2
	31	Francis Miller	Glass	1.60
		Mackall Bros	Welsbach burners	2.28 6.99
		Wm. J. Zeh	Repairs to electric-light fixtures	206.6
		T. R. Fowler Washington Gaslight Co. Wm. J. Zehdo.	Coal	12.7
Feb.	10	Washington Gaslight Co.	Gas	23.50
		wm. J. zen	Coaldo	6.25 $202.58$
		Collector of taxes, District of Columbia	Underground conduit	186. 47 43. 00
	13	Collector of taxes, District of Columbia F. G. Nolte.	Clasning stairway ata	43.00
			Painting door frames and walls Stove grates Electric fixtures Valves	7.00 5.00
	18	John Moran C. A. Muddiman & Co E. G. Schafer & Co	Electric fixtures	12.00
	10	E. G. Schafer & Co.	Valves	1.83
	10	T. R. Fowler	Fertilizer Hauling ashes	40.00
	19 23	do	1 chartos covering for nines	7.50 3.60
		Keasbey & Mattison Co. The Okonite Co. (Limited).	Copper wire	11.12
	29	Francis Miller C. A. Muddiman & Co J. T. Walker Sons	Copper wire. Glass. Gas fixtures Cement	1.0
		U. A. Muddiman & Co	Gas fixtures	10.00
		Johnson Bros	W 0001	6.94
		Instantaneous Fire Alarm Co	Rent of fire-alarm boxes	12.50
		Wm. H. Dyer	Door panels, posts, etc	16.00 4.00
		do	Steel bits, etc.	1.93
		Rudolph, West & Co.	Door panels, posts, etc. Door spring. Steel bits, etc. Doorknobs Oil	4.90
		M Du Perow	Ull	1.50 16.71
Mar.	. 11	Instantaneous Fire Alarm Co. Wm. H. Dyer James B. Lambie Co. (Incorporated)do. Rudolph, West & Co. Geo. F. Muth & Co. M. Du Perow H. D. Hutton Cozzens Bros. Wm. J. Zeh T. R. Fowler Rudolph, West & Co. Francis Millerdo.	Electric-light apparatus Coal Setting door in wall	7.00
		Cozzens Bros.	Setting door in wall	34.00
	1.5	Wm. J. Zeh	Coal Hauling ashes Corrugated metal ceiling Plate glass Glass	279.40 14.50
	15 23	Rudolph, West & Co.	Corrugated metal ceiling	29.80
		Francis Miller	Plate glass	4.50
		We shington Coolight Co	Glass.	1.50 25.70
		Wm. J. Zeh		25.70 44.43
		do Washington Gaslight Co. Wm. J. Zeh do	do	6.56
		do Church & Stephenson	dodo. Lumber.	282.49
	31	Church & Stephenson Francis Miller	Glass	7. 68 1. 50
			-	
		Total third quarter	=======================================	1,852.4
Apr.	. 18	Washington Gaslight Co	Gas.	11.80
	30	Wm. J. Zeh	Hauling rubbish	12.78 309.88
	00	do	do	6.42
		Washington Gashgirt Co. T. R. Fowler Wm. J. Zehdododo. John Moran.	do	253.5
		John Morando Rudolph, West & Co	Padlocks. Valley for roof. Spout.	1.00 19.60

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

FUEL, LIGHT, AND REPAIRS, WEATHER BUREAU, 1904—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
pr. 30	Rudolph, West & Co	Sharpening lawn mowers	\$2.
	National Electrical Supply Co	Incandescent lamps, etc	4.
	Hugh Reilly	Glass	*
	National Electrical Supply Co Hugh Reilly Mutual District Messenger Co. James B. Lambie Co. (Incorporated) do.	Glass. Fire-alarm boxes. Locks, etc. Locks and night latches.	12.
	do	Locks, etc	10. 13.
			19
	do.	do	1.
	James Linskey & Sons	Refinishing woodwork	20.
	James Linskey & Sons. James Linskey & Sons. Forsberg & Murray T. R. Fowler S. S. Shedd & Bro. Co. Washington Gaslight Co.	Refinishing woodwork	16
ay 11	T. R. Fowler.	Hauling soil and sod Lighting apparatus	10.
	S. S. Shedd & Bro, Co.	Lighting apparatus	9 26
	Tamps Linekov & Sone	Gas	20
	Mackall Bros	Welshach burners	4.
17	James Linskey & Sons Mackall Bros E. L. Barclay Colt's Patent Fire Arms Manufacturing Co.	Welsbach burners Ridding building of rats Revolver and holster	10
	Colt's Patent Fire Arms Manufacturing Co	Revolver and holster	12.
	Cozzens Bros. Barber & Ross.	Repairing driveway	13.
01	Barber & Ross	Iron bars, rivets, etc	15
21	E. G. Schafer & Co. T. R. Fowler	Solder	1.
	do. do. Wm J. Zeh H. D. Hutton. Francis Miller	Repairing driveway Iron bars, rivets, etc Solder Hauling ashes Sod Coal.	11
31	Wm J Zeh	Coal	276
	H. D. Hutton	do	6.
ine 3	Francis Miller	Glass	3
	Lonn Moran	Wire netting	1.
	do. Church & Stephenson.	Padlocks	4.
	Church & StephensondoRudolph, West & Co. F. Miller	Shelving and joist	7.
	Rudolph Weet & Co	do Cartridges Gles Key rings and padlocks	8.
15	F Miller	Glass	1.
10	J. B. Lambie Co. (Incorporated)	Key rings and padlocks	6
	do	Key tags, rings, etc	2.
22	Washington Gaslight Co	Gas	26.
	Francis Miller	Glass	3.
30	Wm I Zoh	Portable brackets	4. 278.
00	M. Du Perow Wm. J. Zeh T. R. Fowler	Hauling ashes and rubbish	12.
	Total fourth quarter		1,483.
	Supplemental.		
der 7		Codemposts	9
ıly 7	Church & Stephenson	Cedar posts	2. 1.
12	Geo. F. Muth & Co.	Paint	3.
	Thos. Somerville & Sons. Geo. F. Muth & Co. J. B. Lambie Co. (Incorporated) Mutual District Messenger Co.	Drain tile Paint Plates for door	1.
31	Mutual District Messenger Co	Rent of fire alarm boxes	12.
	Washington Gaslight Co. Wm. H. Dyer. W. T. & F. B. Weaver Church & Stephenson Geo. F. Muth & Co.	Gas light Slat screen Hair brooms	27.
ug. 5	W.H. Dyer	Hair brooms	8. 12.
	Church & Stephenson	Lumber.	5.
	Geo. F. Muth & Co.	Oil	3.
	Wm. J. Zeh	White lead	3.
11	Wm. J. Zeh	Cool	97.
		Fertilizer	9.
15	T P Fowler	nuiges	5. 10.
18	J. B. Espey	Hose nozzles	45.
pt. 10	Barber & Ross T. R. Fowler J. B. Espey Church & Stephenson	Fertilizer Hinges Sod, and hauling ashes Hose nozzles Lumber	5.
	Total supplemental		250.
	,		
	RECAPITULA		
rst qua	arter uarter arter quarter		\$1,420. 974.
cond q	uarter		1,852.
ourth o	arter		1,483.
			200.
ipplem	ental		250.

### CONTINGENT EXPENSES, WEATHER BUREAU.

Da	te.	Name.	Nature of payment.	Total.
190	03			
July	10	Postmaster, Washington, D. C. M. Du Perow	Postage stamps Electrical supplies	\$400.00
	31	M. Du Perow	Electrical supplies.	5.36
		I Baumgarten & Sons	Facsimile stamps	43.50
		The Chesapeake and Potomac Telephone Co	Hay and oats Facsimile stamps Relocating telephone	1.50 2.20
		W. B. Moses & Sons.	Repairing chairs	1.35
		L. S. Depue. J. Baumgarten & Sons. The Chesapeake and Potomac Telephone Co. W. B. Moses & Sons J. C. Parker.	Repairing chairs Fountain pendo Business atlas	2.50 5.00
			Business atlas.	7.50
		do James B. Lambie Co. (Incorporated) W. B. Moses & Sons do	Business atlas Fountain pen Library stepladder Leather screen Repairing couch Pan Typewriters Telephone testing set Repairing bicycle Iron safe Carpet	9.00
Aug.	. 6	James B. Lambie Co. (Incorporated)	Library stepladder	2. 75 9. 75
		do	Repairing couch	9. 75 8. 50
		John Moran E. E. Cole The Holtzer Cabot Electric Co.	Pan	8.00
		E. E. Cole	Typewriters	253. 50
		Acmo Ropair and Biovelo Co	Repairing bioyele	16.00 3.00
		Charles W. Coggins	Iron safe	80.50
	12	Clarke & Davenport	Carpet. Wire cloth. Rope	80.34
	15	Rudolph, West & Co	Wire cloth	6.00
		W B Moses & Sons	Table	$ \begin{array}{c} 2.00 \\ 11.45 \end{array} $
		John C. Parker	Paper weights	3.30
		do.	Paper weights. Repairing fountain pens. Publications	2.50 7.85
		The Holtzer Cabot Electric Co. Acme Repair and Bicycle Co. Charles W. Coggins. Clarke & Davenport. Rudolph, West & Codo. W. B. Moses & Sons John C. Parker. do. G. E. Stechert. United States Envelope Co. Library Bureau.	Publications	7.85 7.65
		Library Bureau	Library cards	3.00
		United States Envelope Co Library Bureau.  Harvard Laundry The Herald Printing Co S. J. Small. G. E. Stechert. do	Envelopes Library cards Washing towels Advertising	6.24
1		The Herald Printing Co	Advertising	13.20
	24	S. J. Small.		3.55 .50
	24	d. E. Stechelt	English dictionary	1.05
		do W. B. Moses & Sons do	Publications English dictionary Publications Desk, chairs, hatrack, etc Window shades	7.55
		W. B. Moses & Sons	Desk, chairs, hatrack, etc	110. 25
		do	Mirror	8.10 2.50
		do	Hatrack	15.00
		do	Recaning chairs	2.25
		L. S. Depue The Smith Premier Typewriter Co	Rye straw	13.50
		do	do	$\frac{1.00}{20.00}$
		John C. Parker	Mirror Hatrack Recaning chairs Rye straw Repairing typewriter do Atlas	7.50
	24	Manhattan Electrical Supply Co	Paper Ceiling fan. Clock and muslin.	1.82
		Woodward & Lothron	Clock and muslin	17.50 22.50
		Lutz & Co.	Hoof dressing	25 20
Sept	. 9	Lutz & Co E. A. Smith American Ice Co. Woodward & Lothrop	Hoof dressing. Advertising Ice. Water cooler Matting, water cooler and stand. Electric fan Rubber stamps. Address books	1.90
	15	American Ice Co	We to recolor	38.34 21.25
		woodward & Lourropdo	Matting, water cooler and stand	43.50
		National Electrical Supply Co	Electric fan	8.50 14.52
		Lamb & Tilden	Rubber stamps	14.52
		James B Lambie Co. (Incorporated)	Night latch	3.00 3.50
		Leidy S. Depue.	Address books Night latch Hay and oats Publications	43.50
	22	woodward & Lothropdo. National Electrical Supply Co. Lamb & Tilden. John C. Parker James B. Lambie Co. (Incorporated) Leidy S. Depue. G. E. Stechert. L. S. Depue.	Publications	2.80
		Harvard Laundry Co	Laundering towels	14.25 7.25
		L. S. Depue Harvard Laundry Co. American Ice Co.	Hay Laundering towels Ice Telephone and wire	31.05
		M. Du Perow	Telephone and wire	41.00
		Total first quarter		1,537.57
Oct.	12	Library Bureau	Office furniture	328.80
- 50.		do. Francis Miller. S. J. Meeks' Sons Yawman & Erbe Manufacturing Co. Hugh Reilly. The Chesapeake and Potomac Telephone Co. Church & Stephenson.	Library cards	75.90
		Francis Miller	Repairing wagon. File case	1.60
		Yawman & Erhe Manufacturing Co	Repairing Wagon	41.50 62.25
		Hugh Reilly	Oil	1, 50
		The Chesapeake and Potomac Telephone Co.	Moving telephone	8.00
		United States Express Co	Express charges	$231.04 \\ 17.20$
		Church & Stephenson United States Express Co. James B. Lambie Co. (Incorporated) John C. Parker do.	Moving telephone Lumber Express charges Tools Gum labels	4.64
		John C. Parker	Gum labels	2.00
		do	Ella haldan	1.50
		W B Moses & Sons	Nosings etc	2.00 2.85 1.75
		Lamb & Tilden	Rubber stamps	1,75
		United States Envelope Co	Envelopes	15.60
		do do W. B. Moses & Sons Lamb & Tilden United States Envelope Co Mackall Bros L. S. Depue	Comps	4.50 38.25
		L. S. Depue	Gum labels	38.

Date.	Name.	Nature of payment.	Total.
1903.			-
et. 24	Lamb & Tilden	Rack	\$4.
	John C, Parker	Part for letterpress	4.
	James B. Lambie Co. (Incorporated)	Carpenter's tools	5.
	M. Du Perow. Burrell's Press Clipping Bureau	Brushes, springs, etc	14. 9.
	Dulin & Martin Co.	Shipping baskets	2.
	American Ice Co	Ice	21.
	Martin Weigand	File case	127.
	Library Bureau United States Express Co	Guides	13.
31	Church & Starbonson	Express chargesLumber	1. 40.
01	Church & Stephenson.  The Smith Premier Typewriter Co  The Chesapeake and Potomac Telephone Co.	Repairs to typewriter	8.
	The Chesapeake and Potomac Telephone Co.	Telephone service	121.
	do	Services	2.
	Harvard Laundry Co	Laundering	5.
	R. McReynolds Sons	Carriage repairs	10.
	Lutz & Co. G. E. Stechert.	Harness. Library books. Laundering towels.	14.
ov. 19	Harvard Laundry Co	Laundering towels.	6.
	American Ice Co	Ice	14.
	Wurdeman & Co	Desks and chairs	311.
	Capital Traction Co	Street car tickets	20
	John C. Parker	Blackboard Carbon paper	11
	do	Repairing fountain pen	3 2
	do. Lamb & Tilden	Numbering machine	13
	Lutz & Co	Bridle and repairing tug	3
	do. United States Express Co	Soap	1
	United States Express Co	Express charges	6
	Francis Miller Leidy S. Depue	Resetting glaziers' diamonds Hay and straw	5 18
24	Lutz & Co	Bridle bit	1
	Lutz & Co. S. J. Meeks' Sons	Wagon	128
	F. A. Schmidt	Celluloid sheets	4
	G. E. Stechert. Wm. Ballantyne & Sons.	Dictionary	1
	Wm. Ballantyne & Sons	Hann's Climatology	28
	Lamb & Tilden. Remington Typewriter Co	Self-inking stamp Typewriter	3 92
	Library Bureau	Cards	3
	Library Bureau Lutz & Co	Repairs to harness	14
	Leidy S. Depue	Hay	14
30	Adams Express Co	Express charges	12
	Lohn Moren	do	13
	John Moran. W. B. Moses & Sons.	Rat trap. Repairing chair	2
	R. McReynolds Sons	Repairing carriage Paneling desk Express charges	2
	Wurdeman & Co	Paneling desk	123
	Adams Express Co	Express charges	6
ec. 5	J. G. Fagan R. McReynolds Sons	SodaShafts	1 10
	do	Repairs to carriage	97
14	Leidy S. Depue.	Oats	45
		do	22
	Louis Hartig	Horseshoes	4
	do M. G. Copeland Co	Hardware Awnings	37 111
22	Library Bureau	Cards.	20
31	Library Bureau Geo. F. Muth & Co	Turpentine, white lead, etc	17
	Barber & Ross	Fire screen	7
	John C. Parker Rudolph, West & Co	File	
	W. B. Moses & Sons	Garbage can	$\frac{1}{12}$
	do	Shade pulls	2
	James B. Lambie Co. (Incorporated)	Brass spigots	1
	American Writing Machine Co	Platens	5
	Woodward & Lothrop	Rugs, etc	20
	Lutz & Co. United States Express Co.	Brushes Express charges	1
	do	do	6
	Adams Express Co	do	4
	Adams Express Co. S. J. Meeks Sons	Repairing sign	8
	J. T. Thomson	Embossing paper and envelopes	9
	American Ice Co Clark & Davenport.	Carnet	$\frac{10}{162}$
	Louis Hartig	Carpet	102
	Acme Repairs and Bicycle Co	Frost nails	1
	Louis Hartig Acme Repairs and Bicycle Co. R. P. Clarke Co. Albert Kahlert & Co.	Horse brushes	. 2
	Albert Kahlert & Co	Repairing and laying carpet	20

## Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. CONTINGENT EXPENSES, WEATHER BUREAU—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
n. 1	Yawman & Erbe Manufacturing Co	Files, etc.	\$3.
18		Reading glass	5.
10	W G Ducket	Arnica, etc	2.
	Harvard Laundry Co Capital Traction Co Burrell's Press Clipping Bureau. James B. Lambie Co. (Incorporated)	Arnica, etc	6.
	Capital Traction Co	Street-car tickets	20.
	Burrell's Press Clipping Bureau	Press clippings	7. 2.
25	James B. Lambie Co. (Incorporated)	Garbage cans	2.
	M. Wiegand	Lumber	66.
3.	James B. Lambie Co. (Incorporated)	Iron, etc.	2. 7.
	John C. Parker W. B. Moses & Sons	Paper	7.
	W. B. Moses & Sons	Chair	1.
	Lutz & Co. Wm. Ballantyne & Sons.	Carriage reins	7.
	T C Depuis	Blackboard Oats and straw	6.
	L. S. Depuedo	Hay	36.
	do	do	14. 14.
	do. Rudolph, West & Co.	Oil	10.
	John Hansen	Repairs to carriage.	10.
	The Smithsonian Institution	Transportation of exchanges	72.
	American Ice Co	Ice	10.
	The Chesapeake and Potomac Telephone Co.	Telephone services	120.
	Midgett Novelty Co	Stapling machine and staples	9.
	Louis Hartig	Horseshoes, etc	6.
-	Louis Hartig The Andrew J. Joyce Carriage Co	Repairing carriage	2.
	W. B. Moses & Sons	Repairing chair	2
).	Harvard Laundry Co	Laundering towels	6
10		Repairing wagon	59
13		Sewer connections	10
	American Ice Co.	Ice	8
16	John C. Parker The Chesapeake and Potomac Telephone Co.	Directories	15
18	The Chesapeake and Potomac Telephone Co.	Relocating telephones	10
28		Street-car tickets	20
	Harvard Laundry Co	Laundering towels	5
29	Lamb & Tilden. J. Baumgarten & Sons	Rubber stamps	3
20	do	Dating stamp.	1
	John Moran	Repairing filter, etc	2 2
	do	Rat traps	4
	I. S. Depue	Oats	27
	do	Hav and straw	23
	do. Clark & Davenport.	Carpet and lining	45.
	do. Woodward & Lothrop.	Linoleum	23.
	Woodward & Lothrop	Carpet sweepers	4.
	Lamb & Tilden	Hand stamps Typewriter stand	2.
	Library Bureau James B. Lambie Co. (Incorporated)	Typewriter stand	5.
	James B. Lambie Co. (Incorporated)	Stall-guard	6.
	00	Steel-wire	1.
	Rudolph, West & Co.	Hinges, locks, etc	15
	W. B. Moses & Sons	Nosings and repairing chair	43
	Hugh Reilly	Enamel.	3
r. 7	Adams Express Co. The M. Lindsay Rubber Co. United States Express Co.	Express charges	0
1. (	United States Express Co	Rubber buckets	9
	Adams Express Co	Express charges	8
11	Adams Express Co. R. McReynolds Sons	Renairing carriage	1
11	John Lynch	Horseshoes	1
	John Lynch Adams Express Co.	Express charges	4
	Library Bureau	Parts for the case, etc	13
	S. J. Venable	Chart frames	16
28	S. J. Venable Church & Stephenson	Lumber	50.
	American Ice Co	Ice	9.
	D. Frank Parker W. H. Lowdermilk & Co.	Ink and paste	5.
	W. H. Lowdermilk & Co	Geography of plants	9
	Lutz & Co	Repairing harness	3.
	L. S. Depue	Oate and have	41.
	Clark & Davenbort United States Express Co Remington Typewriter Co	Rugs	52.
	United States Express Co	Express charges	3.
	Remington Typewriter Co	Repairing typewriter	
	The Smith Premier Typewriter Co	do	28.
	Lames P. Lambia Co. (Incompared 3)	Deil bit-	8.
	James B. Lambie Co. (Incorporated)	Drill bits	1.
	Woodward & Lothrop	Door spring, etc	6.
	Postmaster, Washington, D. C.	Stools, stands, etc	68.
	Blue Line Transfer Co.	Express charges	256.
	Harvard Laundry Co.	Washing towels	6.
	The M. Lindsay Rubber Co	Rubber mets	5.
	Remington Typewriter Co.	Repairing typewriter	6.
	Remington Typewriter Co. W. B. Moses & Sons	Window shades	3.
			0.
	Total third quarter		

Date.	Name.	Nature of payment.	Total
1904.			
r. 8	L. S. Depue C. R. Edmonston G. E. Stechert	Straw. Filter tubes. Publications.	\$9
	C. R. Edmonston	Filter tubes	12
15	G. E. Stechert.	Publications	81
	do Burrell's Press Clipping Bureau G. E. Stechert. Geo. F. Muth & Co	Press clippings	81
23	Burrell's Press Clipping Bureau	Press clippings	12
	G. E. Stechert	Publications Drier	3
30	Geo. F. Muth & Co	Drier	1
	do	Oil and turpentine.  Express charges Ice Table Hay Cleaning carpet Repairing typewriter Repairing wagon	6
	United States Express Co	Express charges	1
	American Ice Co	ice	12
	Library Bureau	Table	35
	L. S. Depue.	Cleaning compat	14
	Remindten Typesyriter Co	Cleaning carpet.	16
	Remington Typewriter Co	Repairing typewriter	10
	O. C. Strown	Repairing wagon. Lights, reflectors, etc. Laundering towels	18
	U. C. Strawn.	Lights, reflectors, etc	10 6
	E A Sahmidt	Crayons	1
	Iohn Lynch	Worseshoes etc	5
	James R. Lambio Co. (Incorporated)	Tooks	J
	Geo. F. Muth & Codo. do. United States Express Co. American fee Co. Library Bureau. L. S. Depue. Albert Kahlert & Co. Remington Typewriter Co S. J. Meeks Sons O. C. Strawn. Harvard Laundry Co. F. A. Schmidt John Lynch James B. Lambie Co. (Incorporated) dodo.	Crayons Horseshoes, etc Tacks. Keys, key rings, etc Latch, screws, etc Oil	9
	do Francis Miller James Linskey & Sons. Woodward & Lothrop Lamb & Tilden .do. Lutz & Co Swayze, Bailey & Co Estate of John C. Parker J. H. Bunnell & Co San Francisco Examiner O. C. Strawn John Lynch The New York Times Co L. S. Depue. do The Chesapeake and Potomac Telephone Co C. Becker J. Baumgarten & Sons W. B. Moses & Sons	Latch, screws, etc	2
	Francis Miller	Oil	9
	James Linskey & Sons	Renairing furniture	2 14
	Woodward & Lothron	Repairing furniture. Water cooler and stand	11
	Lamb & Tilden	Rubber stamps	1
	do	Rubber stamps. Self-inking stamp. Storm covers Fountain pen. Repairing fountain pen Telegraph keys. Advertising	
	Lutz & Co	Storm covers	10
	Swavze, Bailev & Co.	Fountain pen	Ē
	Estate of John C. Parker	Repairing fountain pen	1
	J. H. Bunnell & Co.	Telegraph keys	8
y 5	San Francisco Examiner	Advertising	12
11	O. C. Strawn	Parts for lights	1
	John Lynch	Horseshoes	j
	The New York Times Co	Advertising	38
	L. S. Depue	Advertising Parts for lights Horseshoes Advertising Oats Hay Telephone services	27
	do	Hay	(
	The Chesapeake and Potomac Telephone Co.	Telephone services	119
	C. Becker	Harness	92
	J. Baumgarten & Sons	Repairing Champion self-inker	(
	W. B. Moses & Sons	Window shades	
	do	Repairing chair	2
	Delano & Moore	Paper	, 2
	W. B. Moses & Soilsdo Delano & Mooredo John Moran Woodward & Lothrop Lamb & Tilden Capital Traction Co	Harness Repairing Champion self-inker Window shades. Repairing chair. Paper do. Chains, hoe, and rake. Umbrella stand Autograph stamp Street-car tickets.	6
	John Moran	Chains, noe, and rake	
	Woodward & Lothrop	Umbrena stand	j
177	Lamb & Theen.	Autograph stamp	20
17	Capital Traction Co	Street-car tickets	
21	Transperd Township Co	Ice	12
21	P. McDormolds Cons	Populating courings	į
	Underwood Typowriter Co	Popoirs for typowriter	2
	Capital Traction Co American Ice Co Harvard Laundry Co R. McReynolds Sons Underwood Typewriter Co W. G. Duckett James B. Lambie Co. (Incorporated)do J. Baumgarten & Sons Wm. Nordhoff W. B. Moses & Sons John Moran Church & Stephensondo L. S. Depuedo J. B. Lambie Co. (Incorporated)	lee Laundering towels Repairing carriage Repairing carriage Repairing ror typewriter Dusting powder Feed trough Hooks and plates Repairing dating machine Repairing clock Chairs and mirror Chains Shelving Lumber Hay and straw Hay Tag holders Repairing chair Photographic supplies Traces, etc Repairing wagon Newspaper directory	1
	Iames R Lambia Co (Incorporated)	Feed trough	]
	do	Hooks and plates	3
	J. Banmgarten & Sons	Renairing dating machine	1
31	Wm. Nordhoff	Repairing clock	5
01	W B Moses & Sons	Chairs and mirror	19
ne 3	John Moran	Chains	1
9 15	Church & Stephenson	Shelving	15'
	do	Lumber	15
	L. S. Denue	Hay and straw	18
	do.	Hav	
	J. B. Lambie Co. (Incorporated)	Tag holders	
	W. B. Moses & Sons.	Repairing chair	
	Delano & Moore	Photographic supplies	,
	Lutz & Co	Traces, etc.	
	S. J. Meeks Sons	Repairing wagon	2
	G. E. Stechert	Newspaper directory	(
	J. B. Lambie Co. (Incorporated)	Keys, lock, etc	4
	J. B. Lambie Co. (Incorporated) W. B. Moses & Sons Delano & Moore Lutz & Co. S. J. Meeks Sons G. E. Stechert J. B. Lambie Co. (Incorporated) Delano & Moore Fred B. Miller & Bro L. S. Depue W. B. Moses & Sons Louis Hartig C. M. Wolf & Co. G. E. Stechert do Adams Express Co.	Newspaper directory Keys, lock, etc Photographic supplies	
	Fred B. Miller & Bro	Adjusting scales	8
	L. S. Depue	Oats	27
	W. B. Moses & Sons	Table	27 18
	Louis Hartig	Horseshoe pads	10
	C. M. Wolf & Co	Adjusting scales Oats Table Horseshoe pads Push cart Publication Publication Fyrness charges	1
	G. E. Stechert	Publication	]
		Durblications	

## $\label{thm:expenditures} \textit{Expenditures of the Department of Agriculture for fiscal year ending June~30, 1904}-\text{Cont'd.}$

#### CONTINGENT EXPENSES, WEATHER BUREAU—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
une 22	Harvard Laundry	Laundering towels	\$7.
30	National Railway Publication Co	Official guide	8. 17.
	Remington Typewriter Co	Adjusting typewriter	17.
	American Ice Co. Manhattan Electrical Supply Co.	Adjusting typewriter Ice Electric ceiling fan	17.
	Total fourth quarter		1,087.
	Supplemental.	=	2,0011
uly 7	Lutz & Co	Repairing harness	2.
	The Oklahoma Publishing Co	Advertising	3.
12	Lamb & Tilden	Rubber stamps	7.
	United States Express Co	Express charges	6.
	do	do	7.
15	Adams Express Co. M. P. Harvey	Carriage covers	7. 4.
20	Peoria Star Co.	Advertising.	8.
	Herald Transcript Co.	do	4.
	Herald Transcript Co. L. S. Depue.	Hay	9.
			9.
	G. E. Stechert Rudolph, West & Co. Remington Typewriter Co. F. H. Greer Daily Journal Co. J. B. Lambie Co. (Incorporated) G. E. Stechert American Lee Co.	Bronze letters	2.
01	Remington Typewriter Co	Repairing typewriter	16.
31	Doily Journal Co	Advertising	12.
	I B Lambie Co (Incorporated)	Tag holders	2.
	G. E. Stechert	Publications	1.
	American Ice Co.	Ice	21.
	American Ice Co Adams Express Co J. B. Taltavall M. Weigand	Express charges	1. 21. 13.
ug. 5	J. B. Taltavall	Word counter	3.0
	M. Weigand	Cherry case	29.0
			40.0
	Lutz & Co. T. A. Schmidt. W. B. Moses & Sons.	Paper	2.5
	W. B. Moses & Sons	Renairing chair	1.
	Delano & Moore	Photographic gunning	10,
11	W. B. Moses & Sons	Ring pulls	3.
	United States Express Co	Express charges	4.
	W. B. Moses & Sons. United States Express Co. The Chesapeake and Potomac Telephone Co.	Ring pulls Express charges Telephone services Awning and awning covers	119.
	M. G. Copeland Co	Awning and awning covers	19.
	M. G. Copeland Co J. B. Lambie Co. (Incorporated) Harvard Laundry Co. J. B. Lambie Co. (Incorporated)	Miter machine and box. Laundrying towels.	24.
	I B Lambia Co. (Incorporated)	Saw blades	1.0
			4.
	Delano & Moore	Materials for repairing instru- ments.	4.
ept. 21	Yawman & Erbe Manufacturing Co		115.
Op 0. 21	Burrell's Press Clipping Bureau	Press clippings	13.
	Yawman & Erbe Manufacturing Co	Correspondence section	12.
	Yawman & Erbe Manufacturing Co U. S. Express Co	Express charges	18.
	Total supplemental		590.
!	Total supplemental	·	
irst ans	RECAPITULA		. \$1,537.
econd q	rter. larter rter. uarter ntal		2,759.
hird qua	arter		1,421. 1,087.
ourth q	uarter		1,087.
rbbieme	mta1		590.
Tot	al		7,396.
	WEATHER BUREAU, GEN	ERAL EXPENSES.	

Date.	Name.	Nature of payment.	Total.
1903. July 31	J. J. Doak E. M. Cherry J. P. Friez do R. Rollins G. F. Muth & Co C. R. Edmonston J. C. Entwistle	Painting instrument shelter. Wind vanes Parts of instruments Photographs Clock oil and lye Glasses.	\$7.00 10.00 214.50 73.50 1.40 31.68 13.20

Date.	Name.	Nature of payment.	Total.
1903.			
July: 31	J. L. Bartlett R. L. Miller	Traveling expenses	\$10.80
	H. F. Fugitt	dodo.	4.50
	H. F. Fugitt John Underwood & Co. do James B. Lambie Co. (Incorporated)	Carbon paper	8. 50 94. 50
	do	Carbon paper Paper Cast steel Hames, scraper, etc	180.50
	Otto Martin & Co. (Incorporated)	Cast steel	15.00 12.30
	Otto Martin & Co E. Faber	Lead pencils	12, 30 55, 25
	Yates & Co. F. L. Hartenstein	Oil	2. 48
	F. L. Hartenstein.	Repairing clock. Painting instrument shelter	2.00
	Polks Souttle Directory Co	Painting instrument shelter	18.50
	F. D. Hartenstein. R. D. Harvey Polks Seattle Directory Co American Writing Machine Co William H. Rupp Co. A. Zappone H. C. Frankenfield R. P. Clarke Co. Edward Mullin. Portland, substations	Painting instrument shelter. City Directory Changing typewriter Ink Traveling expensesdo Towels. White rags Pay roll Traveling expensesdo	6.00 19.50
	William H. Rupp Co	Ink	66.00
	A. Zappone	Traveling expenses	8, 99
	R P Clarke Co	Towels	21.30 46.80
	Edward Mullin.	White rags	14.00
	Portland, substations	Pay roll	10.51
	D. Cuthbertson	Traveling expenses	41. 83
	A. C. Pickels	dodo	23. 08 12. 60
	F. Humberts Sons	Wardrobe Wireless telegraphy apparatus	14.50
	G. E. Stechert	Wireless telegraphy apparatus	1.90
	D. Cuthbertson. O. L. Blue. A. C. Pickels. F. Humberts Sons. G. E. Stechert. American Type Founders Co. R. Hagerty. F. P. Dropp & Sons.	Glue	6.36 24.00
	American Type Founders Co. R. Hagerty E. F. Droop & Sons B. F. Larcombe et al. B. Bunnemeyer James B. Lambie Co. (Incorporated) do. John C. Parker do	WoodPassenger transportation	24.00 218.50
	B. F. Larcombe et al.	Passenger transportation. Pay roll, printing office Drayage Cotton waste	2,483,60
Aug. 6	B. Bunnemeyer	Drayage	. 75 54. 64
	James B. Lambie Co. (Incorporated)	Screw drivers	54.64
	John C. Parker	Paper, etc	8.70 73.52
	do W. B. Moses & Sons	Sectional bookcase.	15.00
	W. B. Moses & Sons	Chair and bookcase	15.00 22.36
	S. L. Dosher.		5.45
	A. J. Davis H. C. Hunter J. R. Glenn	do	15, 25 2, 35
	J. R. Glenn	do	2.35 3.35
	A. H. Thiessen J. M. Watson J. P. Friez	do	70.55
	J. M. Watson	Instruments	2 357 50
	do.		2,357.50 85.00
	do Eimer & Amend do F. A. Schmidt	Barometer boxes Induction coil Air pump Sealing wax	90.00
	Eimer & Amend	Induction coil	15, 00 20, 00
	F. A. Schmidt	Sealing wax	3.75
			7. 50
	E. Faberdo	Rubber bands	135, 01 69, 12 50, 26
	Pudelph West & Co	Halyards, etc.	69, 12 50, 26
	The J. C. Ergood Co.	Stove polish	5, 50
	American Writing Machine Co	Repairing typewriter	5.50 17.00
	W. H. Dyer	Sawdust	1.75 42.50
	M. Du Perow	Stove polish Repairing typewriter Sawdust Typewriter cabinet Office wire	42.50 21.60
	do. Rudolph, West & Co. The J. C. Ergood Co. American Writing Machine Co. W. H. Dyer. The Smith Premier Typewriter Co. M. Du Perow. F. E. Hamel Rope Co. Barber & Ross. George Abbott, jr. M. M. Latta. Remington Typewriter Co. C. E. French & Co. The Hoggson Pettis Manufacturing Co. Lamb & Tilden. J. P. Nawrath.	Wire rope	3.85 14.32
	Barber & Ross.	Buckets	14.32
	George Abbott, jr	Painting instrument shelter Office rent.	5.00 25.00
	Remington Typewriter Co.	Repairing typewriter	7.00
,	C. E. French & Co.	Silver sand	3.00
	The Hoggson Pettis Manufacturing Co	Copying bath	57.00
	Lamb & Tilden	Pad ink	57. 00 54. 00 36. 48
	C Fisher	Constructing platform	6,00
	The Port Royal Dock Co	Coal.	98, 00
	The Port Royal Dock Co Freed Furniture and Carpet Co. J. M. Wood. A. B. Dick.	Coal Wardrobe Ink and mucilage Oil tissue paper Stereotype metal Switch board Gordon rollers Glass battery jars Repairing clock Mirror Recasting rollers Leather belt Repairing desk	32.00 3.00
	A B Dick	Oil tissue naner	2.40
	A. B. Dick Great Western Smelting and Repairing Co National Electrical Supply Co Wild & Stevens. Z. C. Miles & Piper Co C. F. Artes. J. R. Nye Milwaukee Printers Roller Co The R. H. Williams Co G. Forsberg. Eastland Bros.	Stereotype metal	6 96
	National Electrical Supply Co	Switch board	6.75 2.55
	Wild & Stevens.	Gordon rollers	2.55 3.20
	C. F. Artes	Renairing clock	1.50
	J. R. Nve	Mirror	2.50
	Milwaukee Printers Roller Co	Recasting rollers	3.00
	The D II Williams Co	Leather belt	1.18
	The R. H. Williams Co	Repairing desk. Repairing instrument shelter	. 75

te.	Name.	Nature of payment.	Total.
03.			
. 6	J. R. Mitcham	Painting instrument shelter	\$6.
	B. T. Lund & Co	Oil	18.
	J. E. Miller & Son.	Installing storm lanterns	10.
	D. F. Balton & Co.	Repairing roof apparatus	11. 4.
	The Waterbury Battery Co.	Battery recharges	875.
	J. P. Nawrath	Sponges	30.
	The Waterbury Battery Co. J. P. Nawrath D. C. Paper Manufacturing Co. Standard Oil Co.	Sponges Blotting paper Gil	89.
	Yawman & Erbe Manufacturing Co	File case	8. 50.
	E. H. Emery	File case. Dictionary holder, etc.	21.
12	M. G. Royes	Office rent	40.
	C. Sevilla	Services	5.
	R. B. Smith	Repairing river gage	29.
	W. J. Reid J. G. Piodela.	Boat rent.	6.
	Addressograph Co	Printing climate and crop reports	10.
	Addressograph Co.	Addressograph supplies	3.
	Western Telephone Manufacturing Co	Addressograph supplies	19.
	E. D. Beattie.	Printing climate and crop bulle-	1. 36.
	2,2,2,000	UINS.	
	M. Werner.	Painting instrument shelter	12.
	Cooley Bros. J. Willis, jr.	Repairing apparatus, etc	12. 23.
	J. WHUS, Jr.	lows.	20.
	G. J. Proescher	White lead	1.
	F. Miller.	Turpentine	29.
	Brown, Curtis & Brown	Oak screen	6. 62.
	H. D. Feast & Co.	Telescope. Neostyle ink.	2.
	D. Frank Parker The Western Electric Installing Co	Ammeter	65.
	Z. D. Gilman	Rubber tubing	3.
	C. E. Johnson & Co.	Printing materials	165. 9.
	A. Fairservice & Co. R. L. Polk & Co. and R. L. Dudley Maurice Joyce Engraving Co. Crosby Transportation Co. E. R. Miller. Rudolph West & Co.	Oil, brooms, etc	9. 8.
	Maurice Jovce Engraving Co.	Photo engraving plates	16.
	Crosby Transportation Co	Passenger transportation	2. 7.
	E. R. Miller	Traveling expenses	7.
15	do west & Co	Nails Mop handles Floor brushes	17. 5.
10	do. do W. B. Moses & Sons	Floor brushes.	8.
	W. B. Moses & Sons	Table	15.
	J. C. Parker	Toilet paper	37.
	J. Semer.	Floor brushes Table. Toilet paper Office rent Traveling expenses Pay roll Printing supplies Repairing typewriter Services Repairing telegraph line. Telephone services	7. 63.
	H. C. Cooke New York, substations American Type Founders Co Maurice Joyce Engraving Co	Pay roll	35.
	American Type Founders Co	Printing supplies	29.
	Maurice Joyce Engraving Co	do	29.
	J. B. Taylor.	Repairing typewriter	3. 6.
	J. Lang	Repairing telegraph line	5.
	J. B. Taylor. L. E. Beard. J. Lang. Alabama, Mississippi, and Tennessee Telephone Co. F. Miller. C. M. Coffin	Telephone services	6.
	phone Co.	21-	
	C. M. Coffin	Taking down wind vane	5.
	Freed Furniture and Carnot Co	Water cooler stand	6.
	A. R. Holderby, jr	Stereotype metal	4.
	D. Pender Grocery Co	Brooms	4.
	A. R. Holderby, Jr. D. Pender Grocery Co. A. R. Taylor & Co. Underwood Typewriter Co. Schneider Bros.	Repairing typewriter Typewriter, etc	1. 92.
	Schneider Bros	Anemometer cups	50.
		Boxes	88.
	Willison Office Supply Co. Southern Printers Supply Co. Thos. Somerville & Sons.	Ink and mucilage Composing stick Brackets	3.
	The Semerville & Sons	Composing stick	7.
	Lutz & Co	Saddle and bridle	6. 35.
	American Type Founders Co. E. B. McDonald	Composing sticks	9.
	E. B. McDonald	Lightning arrester	5.
	C. W. Austin	Hose.	25.
	Chippewa Hardware Co Standard Oil Co	Oil	9.
	L. F. Willoughby	Recasting rollers	3. 20.
	E. H. Emery	Publication	20.
	American Writing Machine Co	Typewriter Binders, clips, etc	72. 60.
	E. H. Emery. American Writing Machine Co. American News Co. The American Pneumatic Carpet Cleaning Co.	Cleaning carpet.	16.
			63.
	Smith Premier Typewriter Co. International Broom Co.	Brushes	12.

Date.	Name.	Nature of payment.	Total.
1903.			
ug. 15	Cuba and Pan-American Express Co	. Moving office furniture	\$4.00
			6.98
	The King Hardware Co. Seth Thomas Clock Co. J. E. Turtton A. Midgett J. H. Thiemeyer Faneuil Watch Tool Co. Lamb & Tilden	Repairing typewriter	7.00
	Seth Thomas Clock Co	. Clock.	8.00
	J. E. Turton	Clock Instrument shelters	8.00 250.00
	A. Midgett	. Wood	5.00
	J. H. Thiemeyer	Boxes Translation gears Rubber stamps Traveling expenses Mats	196.75
	Faneuil Watch Tool Co	Translation gears	4, 45
	Lamb & Tilden	Rubber stamps	2.70
	Lamb & Tilden A. Zappone W. B. Moses & Sons R. C. Ballantyne J. B. Espey John Moran Rudolph, West & Co. M. DuPerow J. B. Lambie Co. (Incorporated)	. Traveling expenses	9.90
24	W. B. Moses & Sons	Mats	32.22 77.49
	R. C. Ballantyne	Paper Tool chest and tools	77.49
	J. B. Espey	Tool chest and tools	45 15
	John Moran	Charcoal Buckets	1.00
	Rudolph, West & Co	Buckets	7.92
	M. DuPerow	Batteries	1.00 7.92 447.50
	J. B. Lambie Co. (Incorporated)	Wagon jack Casters and chuck Carpet	4.00
	do	Casters and chuck	21.50
	Clarke & Davenport	Carpet	59.38
	Underwood Typewriter Co	Typewriter	87.50
17	Edward Mullin	White rags	14.00
	J. C. Entwistle	Engraving rain chart	10.00
	do. Clarke & Davenport. Underwood Typewriter Co. Edward Mullin J. C. Entwistle G. F. Muth Lutz & Co.	Typewriter White rags Engraving rain chart Oil	. 75
1	Lutz & Co. P. H. Heiskell, jr., & Co. C. R. Edmonston E. J. Pullman Mackall Bros. J. W. Jordan & Co. Queen & Co. (Incorporated)	Harness Wagon Cuspidors and buckets	. 75 50. 00
	P. H. Heiskell, ir., & Co	Wagon	54.00
	C. R. Edmonston	Cuspidors and buckets	16. 58
1	E. J. Pullman	Films	5.40
	Mackall Bros	Soap	41.67
	J. W. Jordan & Co	Recasting rollers Alcohol Measuring sticks	1.72
	Queen & Co. (Incorporated)	Alcohol	5.00
1	do	Measuring sticks	90.00
1	The American News Co. Coston Signal Co. Geo. Meier & Co.	Brushes	8.58
1	Coston Signal Co	Answering signals	33.00
	Geo Meier & Co	Gum arabic	1.60
	C E Johnson & Co	Ink	820.00
1	O. I. Majoue	Recesting rollers	22, 96
	C. E. Johnson & Co. O. J. Maigue Yawman Erbe Manufacturing Co.	File case	50.00
	P. D. Clack	Dravage	75
	P. I. Polls & Co.	Ink. Recasting rollers. File case. Drayage Wisconsin Gazeteer	. 75 6. 00
	R. L. Polk & Co. M. F. Kalmbach. Treman, King & Co.	Wiring tower	46.70
	Troman King & Co	Wiring tower. Water cooler	46.79 3.50
	J. Sly	Wood	20.00
	J. Sly  The King Hardware and Stove Co	Stopleddor	2.50
	I P Wyce	Renairing wind yone	2.50
	J. R. Wyss. P. Lindemeyr Trenchard & Harringter Furniture and Car-	Wood	3.50 130.00
	Tronchard & Harringter Furniture and Car-	Mirror	10.00
- 1	not Co	l.	10.00
	C Patargon	Oil and brooms	11.00
1	M A Adoitt	Panairing typowriter	4.59
	M. A. Adsitt A. Gamewell Lamonte Rigby & Wilson A. G. White	Repairing typewriter Running levels	5.00
	Righy & Wilson	Water cooler	5.00 7.50
	A C White	Rengiring typewriter	4.00
	Roulton Bliss & Dallett	Passenger transportation	40.00
	Boulton, Bliss & Dallettdo	do	40.00
	Southern Rwy Co	Water cooler Repairing typewriter Passenger transportation do do	16.55
	Southern Rwy CoSan Antonio and Aransas Pass Rwy. CoJacksonville and St. Johns Bar Telegraph	do	16.55 18.00
	Jacksonville and St. Johns Bar Tolograph	Telegraph services	6.25
	line.	Lorograph bot vices	0.20
	A Prand	Traveling expenses	19.20
	C C Cooper	do	13.00
	E U Dowie	do	14.25
	D I Droven	do	5 60
	C. C. Cooper E. H. Bowie D. J. Brown F. Diggs.	do	5.60 6.00
- 0	T. Wowen Cmith	do	40.70
	J. Warren Smith	do	48.70 38.30
	Home Telephone Co	Talograph garriaga	10.40
	Piging Cup Tolograph Tipe	do do	10.40 2.60
	D. E. Dowler	Damar inly made ata	2 416 00
	I C Dorzer	Paper, IIIk, paus, etc	3,416.00 1,062.77 15.00
	J. O. Farker	Postrogo	1,002.77
	J. Warren Smith E. B. Calvert Home Telephone Co Rising Sun Telegraph Line D. F. Parker J. C. Parker do J. P. Nawrath American Writing Machine Co Norfolk and Washington, D. C., Steamboat	Dookcase	10.00
	J. P. Nawrath	Twine. Typewriters	28.39 216.75
	American Writing Machine Co	Typewriters	216.75
	Nortolk and Washington, D. C., Steamboat	Passenger transportation	3.00
J.,	Co.		10 55
1			
	Seaboard Air Line Rwy	do	13.75
1	Seaboard Air Line Rwy. Central R. R. Co. of New Jersey.	do	6.50
	Seaboard Air Line Rwy Central R. R. Co. of New Jersey Michigan Central R. R. Co. F. H. Bigelow B. A. Blundon	dodo	6.50 5.00 14.10

Date.	Name.	Nature of payment.	Total
1903.			
ug. 24	H. C. Cookedo. B. D. Johnson. W. T. Lathrop. Littlefield, Alvord & Co Chapin & Simpson Remington Typewriter Co. R. Carter Ballantyne. Keystone Type Foundry. Woodward & Lothrop Lutz & Co. E. H. Hughes J. A. Balster W. L. Moore. B. F. Larcombe et al. H. J. Cox.	Subsistence. Station expenses Services. Subsistence.	\$22.
	do	Station expenses	7.
	B. D. Johnson	Services	20. 26.
	Littlefield, Alvord & Co	Dravage	36
	Chapin & Simpson	Horse hire	11. 13. 27.
	Remington Typewriter Co	Drayage Horse hire Repairing typewriter	13.
	R. Carter Ballantyne	Envelopes	27.
	Keystone Type Foundry	Type. Desk, chairs, etc. Brushes, halters, etc.	144.
	Lutz & Co	Brushes, halters, etc	8.
31	E. H. Hughes	Traveling expenses	5.
	J. A. Balster	do.	5. 48.
	W. L. Moore	do	48.
pt. 3	B. F. Larcombe et al H. J. Cox. C. H. Richardson do W. A. Mitchell. G. U. Harn, jr. W. H. Alexander C. F. Marvin R. L. Miller J. B. Marbury J. Bilty, jr. L. H. Daingerfield B. C. Kadel J. J. O'Donnell. Norfolk and Southern R. R. Co. John Martin & Co.	do And the state of the state o	. 2,471. 226.
pt. 9	C. H. Richardson	Subsistence	31.
•	do	Traveling expenses	31. 23.
	W. A. Mitchell	do	4.
	G. U. Harn, jr.	do	5. 26. 6.
	W. H. Alexander	do	26.
	R I. Miller	do	4.
	J. B. Marbury	do	9.
	J. Bily, jr.	do.	14.
	L. H. Daingerfield.	Drayage	28.
	B. C. Kadel	Subsistence	28.
	Norfolk and Southern P. P. Co.	Passangar transportation	31.
	John Martin & Co.	Insulators, etc	14.
			3.
	Brooks-Folia Electrical Corporation. Justinian Caire Co. New York Belting and Packing Co. (Limited). Pacific Tool and Supply Co. C. E. Parrott. C. H. Glaser. C. E. Johnson & Co. Kenffel & Esser Co. Yates & Co. J. P. Hobbs	I assenger transportation: Insulators, etc Wire and brushes Mercury, etc Leather belt Wireless-telegraph supplies. Wood Glass	4.
	New York Belting and Packing Co. (Limited).	Leather belt	6.
	Pacine Tool and Supply Co	Wireless-telegraph supplies	28.
	C. H. Gloser	W 000L	20. 13.
	C. E. Johnson & Co.		115.
	Kenffel & Esser Co.	do	1.
	Yates & Co	oil Team hire	2.
	J. R. Hobbs	Team hire	6.
	Chicago Belting Co.	Belting.	4.
	Vaughan & Morrill Co	Painting instrument shelter Ink and mucilage	21.
	J. I. Holcomb Manufacturing Co.	Sweeps.	4. 27.
	The American News Co.	Brushes	10.
	Manhattan Electrical Supply Co	Batteries and insulators	70.
	Walter Scott & Co	Repairing bolt.	1.
	I W McCauley	Beneiring river gauge	45. 25.
	Attes & Co.  J. R. Hobbs Chicago Belting Co. L. H. Battles. Vaughan & Morrill Co. J. I. Holcomb Manufacturing Co. The American News Co. Manhattan Electrical Supply Co. Walter Scott & Co. Philip Lindemeyr J. W. McCauley. Mt. Holly Paper Co. M. G. Roves. T. M. Caldwell Paul Seiler Electrical Works. Stephen Land. Hiller-Davis Printing Co. E. D. Beattie. Georgetown Iron Works. J. P. Kofod. Holbrook, Morrill & Staton.	Repairing bolt Duplicating rollers Repairing river gauge Map paper Office rent Instruments, batteries, etc Erecting telegraph wire	77.
- 0	M. G. Roves	Office rent.	77. 40.
	T. M. Caldwell	Instruments, batteries, etc	6.
	Paul Seller Electrical Works	Erecting telegraph wire	225.
	Hiller-Devis Printing Co	Lumber. Binding climate and crop reports.	15. 4.
	E. D. Beattie	Printing climate and crop reports.	36.
	Georgetown Iron Works	Repairing wind vane Repairing water tank Brooms and stove grate Office rent Hanging window shades, etc.	7
1	J. P. Kofod Holbrook, Merrill & Stetson	Repairing water tank	8,
1		Brooms and stove grate	ð.
	M. M. Latta Maddrey & Kenyon Furniture Co	Unice rent.	25.
	J. A. Barber F. McAllister Pacific States Type Foundry Yates & Co. E. H. Bochner	Printing climate and cron reports	6. 24.
	J. A. Barber	Printing climate and crop reports Repairing instrument shelter	1.
1	F. McAllister	do	1.
	Pacific States Type Foundry	Recasting rollers	2.
- 1	F H Rochner	Benzine	1.
		do. Recasting rollers Benzine Repairing typewriter Oil, brooms, etc. Repairing instrument shelter. Repairing rollers	3. 8.
	R. Stone The Crutsinger Roller Co. Alpena Electric Light Co.	Repairing instrument shelter.	30.
	The Crutsinger Roller Co.	Recasting rollers	4.
	Alpena Electric Light Co.	Electric lamps.	1. 2.
	F. I. Patanotta	Photographs.	2.
	J. L. Lockhart	Lamp chimpays	5.
	C. R. Martin F. L. Patenotte J. L. Lockhart Patterson Transfer Co	Recasting rollers Electric lamps Photographs Reeving halyards Lamp chimneys Drayage	1.
	J. C. Herkner.		1.
	J. C. Herkner Goldberg, Bowen & Co E. Bartlett G. W. Taylor & Co San Francisco Electrical Co	Station supplies Grounding tower Coal	1.
	E. Bartlett	Grounding tower	3.
	VI. W. LRVIOF OF CO	Coal. Switches and coils.	126.0

Date.	Name.	Nature of payment.	Total.
1903.			
Sept. 9	Yates & Co. Robert Tyler Pacific States Telephone and Telegraph Co	Oil. Printing climate and crop reports.	\$10. 12. 2. 20.
	Pacific States Telephone and Telegraph Co	Printing climate and crop reports.	12.
	A. Midgett.	Moving shelter	20.
	S. H. Quint's Sons.	Station supplies	11.
	W. H. Shoupe	Ratteries. Moving shelter Station supplies Lithograph plate. Installing electric lanterns Binding instructions. Execting tower	20. 11. 12. 67. 2. 79. 2.
	C. Herrmann	Binding instructions	2.
	Eagle Iron Works	Erecting tower	79.
	A. R. Derge & Co.	Repairing rain and snow gauge Dictionary and stand Chair bottoms	16.
	Freed Furniture and Carpet Co	Chair bottoms	1. 50.
	The Orcutt Storage, Packing, and Moving Co.	Moving furniture	50.
	W. G. Hutchison	Desk	9. 5. 2.
	Pacific States Telephone and Telegraph Co. A. Midgett. S. H. Quint's Sons. The Norris Peters Co. W. H. Shoupe. C. Herrmann. Eagle Iron Works. W. M. Warren. A. R. Derge & Co. Treed Furniture and Carpet Co. The Orcutt Storage, Packing, and Moving Co. J. H. McNamara. W. G. Hutchison Ivie Watson Electrical Supply and Construction Co.	Portfolio Desk Electric globes	
	Wagner Bros	TablePrinting supplies	13. 2.
	Wagner Bros American Type Founders Co. Morrison Tent and Awning Co.	Awnings.	40.
	J. A. Howerton. Trorlicht, Duncker & Renard.	Awnings Oil, brooms, etc. Rugs and linoleum	24.
	J. H. Crane Furniture Co.	Bookcase	174. 27.
	W. H. Hoskins Co	Ink. Adding machine.	
	J. F. Conrad Grocer Co.	Adding machine	5.
	Alexander-Yost Co.	Gasoline. Wireless-telegraph supplies	29
	J. W. Strawn	Rugs	67.
	C. Sevilla H. B. Hersey	Transling armangag	5 216
	J. J. Grav	do	4
	H. B. Helsey J. J. Gray T. F. Townsend L. H. Daingerfield M. W. Hayes W. S. Belden A. H. Thiessen F. A. Frans	do	9
	M. W. Haves	do	11 28
	W. S. Belden	do	31
	A. H. Thiessen	do	18 15
	E. A. Evans F. H. Duff.	do	6
	do	do	4 24
	H. E. Hobbs		, 8
	New York substations	Pay roll	35
	W. M. Wilson J. W. Smith F. H. Brandenburg	Traveling expenses	6
	F. H. Brandenburg	do	6 53
	F. W. Brist	do	5 16
	J. H. Smith W. E. Stewart	Services	12
15	W. E. Stewart. Woodward & Lothrop.	Services Rug and blankets Desk, bed mattress, etc	12 17 102 1
	dodo	Millinet	102
	do	Needles	6
	National Electrical Supply Co	Telephones	27
	. do National Electrical Supply Co. F. A. Schmidt. Lamb & Tilden	Telephones Mucilage stands Rubber stamps, etc	37 3 1
	do	do	1
	do	do	1
	do. John C. Parker.	Paper	1,257
	do do	Neostyle Letterpress.	1,257 50 74
	do	Paper	39
	James B. Lambie Co. (Incorporated)	Paper Wire and cloth	3 2
	do L. S. Depue The Typewriter Exchange Grand Rapids Awning Co.	Oats hav and straw	26
	The Typewriter Exchange	Repairing typewriter	6
	Grand Rapids Awning Co	Crosscut saw Oats, hay, and straw Repairing typewriter Awnings Lettering doors	17 3
	G. Middleton Inland Type Foundry	Guide pins.	1
	Inland Type Foundry G. M. Fennerty Lloyd & Smith J. S. Sands & Co W. H. Ranney C. N. Russell H. G. Turley California Electrical Works.	Guide pins. Lettering doors.	7
	Lioya & Smith.	Oil can Oil and brooms	9
	W. H. Ranney	Recasting rollers	2
	C. N. Russell	Oil Installing wind vane, etc. Copper wire.	1 110
	California Electrical Works.	Copper wire	325
	I. M. Watson. Alexander-Yost Co. Electrical Supply and Construction Co.	Repairing instrument shelter	1
	Alexander-Yost Co	Oil, solder, etc	20

WEATHER	BUREAU,	GENERAL	EXPENSES—Continued.
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The Fred Macey Co. (Limited) File case. I Pile Case. I Pi	ate.	Name.	Nature of payment.	Total.
The Fred Macey Co. (Limited) File case. In Fred Macey Co. (Limited) File case. In F. R. Grout Lettering door F. Grout G.	903.	-		
W. W. Best.  American Type Founders Co.  American Type Founders Co.  W. W. Best.  Arnold & Weatherbee Co.  E. Erickson.  Altering capte.  Myer Bros.  H. D. Feast & Co.  Central of Georgia R. R. Co.  J. & C. N. Thomas.  Cleaning clock.  The Richmond & Backus Co.  Barnes.  H. D. Fasse, Co.  C. F. Barnes.  H. D. Fasse, Co.  C. F. Barnes.  H. D. Fasse, Co.  H. Barnes.  H. B	t. 15	American Type Founders Co	Type, etc	\$16.
W. W. Best.  American Type Founders Co.  American Type Founders Co.  W. W. Best.  Arnold & Weatherbee Co.  E. Erickson.  Altering capte.  Myer Bros.  H. D. Feast & Co.  Central of Georgia R. R. Co.  J. & C. N. Thomas.  Cleaning clock.  The Richmond & Backus Co.  Barnes.  H. D. Fasse, Co.  C. F. Barnes.  H. D. Fasse, Co.  C. F. Barnes.  H. D. Fasse, Co.  H. Barnes.  H. B	•	The Fred Macey Co. (Limited)	File case	149.
W. W. Best.  American Type Founders Co.  American Type Founders Co.  W. W. Best.  Arnold & Weatherbee Co.  E. Erickson.  Altering capte.  Myer Bros.  H. D. Feast & Co.  Central of Georgia R. R. Co.  J. & C. N. Thomas.  Cleaning clock.  The Richmond & Backus Co.  Barnes.  H. D. Fasse, Co.  C. F. Barnes.  H. D. Fasse, Co.  C. F. Barnes.  H. D. Fasse, Co.  H. Barnes.  H. B		J. Lang	Repairing telegraph line	5.
W. W. Best.  American Type Founders Co.  American Type Founders Co.  W. W. Best.  Arnold & Weatherbee Co.  E. Erickson.  Altering capte.  Myer Bros.  H. D. Feast & Co.  Central of Georgia R. R. Co.  J. & C. N. Thomas.  Cleaning clock.  The Richmond & Backus Co.  Barnes.  H. D. Fasse, Co.  C. F. Barnes.  H. D. Fasse, Co.  C. F. Barnes.  H. D. Fasse, Co.  H. Barnes.  H. B		F. R. Grout	Lettering door	2.
W. W. Best.  American Type Founders Co.  American Type Founders Co.  W. W. Best.  Arnold & Weatherbee Co.  E. Erickson.  Altering capte.  Myer Bros.  H. D. Feast & Co.  Central of Georgia R. R. Co.  J. & C. N. Thomas.  Cleaning clock.  The Richmond & Backus Co.  Barnes.  H. D. Fasse, Co.  C. F. Barnes.  H. D. Fasse, Co.  C. F. Barnes.  H. D. Fasse, Co.  H. Barnes.  H. B		B J. Sherry	Repairing telegraph line	3.
Myer Bros.  H. D. Peast & Co. Central of Georgia R. R. Co. J. & C. N. Thomas. Cleaning clock The Richmond & Backus Co. Binding maps. C. F. Barnes. H. Leonard & Sons. H. Leonard & Sons. Office furniture. H. Leonard & Sons. Office furniture. Horse hire. Southern Electrical Co. A. Midget. W. N. Tillett. Southern Electrical Co. A. Midget. Morrison, Merrill & Co. St. Louis Transfer Co. Forsberg & Murray. Grate bars. Fittsburg, Cincinnati, Chicago and St. Louis Boston and Maine R. R. Southern Rwy. Co. E. J. Joy. W. B. Francis Co. Boston and Maine R. R. Southern Rwy. Co. E. J. Joy. W. B. Francis Co. E. J. Joy. W. B. Francis Co. Binding records. Keifer & Wenzel. R. B. Morris. F. C. Dockeray. R. B. Morris. Funk & Wagnalls Co. J. E. Turton. File cases. J. E. Turton. File cases. J. E. H. Bowie. L. C. Coronstructing platform. Flow Constructing platform. Flow Construction. Flow		H. A. Poole	Horse hire	1.
Myer Bros.  H. D. Peast & Co. Central of Georgia R. R. Co. J. & C. N. Thomas. Cleaning clock The Richmond & Backus Co. Binding maps. C. F. Barnes. H. Leonard & Sons. H. Leonard & Sons. Office furniture. H. Leonard & Sons. Office furniture. Horse hire. Southern Electrical Co. A. Midget. W. N. Tillett. Southern Electrical Co. A. Midget. Morrison, Merrill & Co. St. Louis Transfer Co. Forsberg & Murray. Grate bars. Fittsburg, Cincinnati, Chicago and St. Louis Boston and Maine R. R. Southern Rwy. Co. E. J. Joy. W. B. Francis Co. Boston and Maine R. R. Southern Rwy. Co. E. J. Joy. W. B. Francis Co. E. J. Joy. W. B. Francis Co. Binding records. Keifer & Wenzel. R. B. Morris. F. C. Dockeray. R. B. Morris. Funk & Wagnalls Co. J. E. Turton. File cases. J. E. Turton. File cases. J. E. H. Bowie. L. C. Coronstructing platform. Flow Constructing platform. Flow Construction. Flow		W. W. Best	Repairing telegraph line	3.
Myer Bros.  H. D. Peast & Co. Central of Georgia R. R. Co. J. & C. N. Thomas. Cleaning clock The Richmond & Backus Co. Binding maps. C. F. Barnes. H. Leonard & Sons. H. Leonard & Sons. Office furniture. H. Leonard & Sons. Office furniture. Horse hire. Southern Electrical Co. A. Midget. W. N. Tillett. Southern Electrical Co. A. Midget. Morrison, Merrill & Co. St. Louis Transfer Co. Forsberg & Murray. Grate bars. Fittsburg, Cincinnati, Chicago and St. Louis Boston and Maine R. R. Southern Rwy. Co. E. J. Joy. W. B. Francis Co. Boston and Maine R. R. Southern Rwy. Co. E. J. Joy. W. B. Francis Co. E. J. Joy. W. B. Francis Co. Binding records. Keifer & Wenzel. R. B. Morris. F. C. Dockeray. R. B. Morris. Funk & Wagnalls Co. J. E. Turton. File cases. J. E. Turton. File cases. J. E. H. Bowie. L. C. Coronstructing platform. Flow Constructing platform. Flow Construction. Flow		do	Pump and glass	9.
Myer Bros.  H. D. Peast & Co. Central of Georgia R. R. Co. J. & C. N. Thomas. Cleaning clock The Richmond & Backus Co. Binding maps. C. F. Barnes. H. Leonard & Sons. H. Leonard & Sons. Office furniture. H. Leonard & Sons. Office furniture. Horse hire. Southern Electrical Co. A. Midget. W. N. Tillett. Southern Electrical Co. A. Midget. Morrison, Merrill & Co. St. Louis Transfer Co. Forsberg & Murray. Grate bars. Fittsburg, Cincinnati, Chicago and St. Louis Boston and Maine R. R. Southern Rwy. Co. E. J. Joy. W. B. Francis Co. Boston and Maine R. R. Southern Rwy. Co. E. J. Joy. W. B. Francis Co. E. J. Joy. W. B. Francis Co. Binding records. Keifer & Wenzel. R. B. Morris. F. C. Dockeray. R. B. Morris. Funk & Wagnalls Co. J. E. Turton. File cases. J. E. Turton. File cases. J. E. H. Bowie. L. C. Coronstructing platform. Flow Constructing platform. Flow Construction. Flow		American Type Founders Co	Printing supplies	77.
Myer Bros.  H. D. Peast & Co. Central of Georgia R. R. Co. J. & C. N. Thomas. Cleaning clock The Richmond & Backus Co. Binding maps. C. F. Barnes. H. Leonard & Sons. H. Leonard & Sons. Office furniture. H. Leonard & Sons. Office furniture. Horse hire. Southern Electrical Co. A. Midget. W. N. Tillett. Southern Electrical Co. A. Midget. Morrison, Merrill & Co. St. Louis Transfer Co. Forsberg & Murray. Grate bars. Fittsburg, Cincinnati, Chicago and St. Louis Boston and Maine R. R. Southern Rwy. Co. E. J. Joy. W. B. Francis Co. Boston and Maine R. R. Southern Rwy. Co. E. J. Joy. W. B. Francis Co. E. J. Joy. W. B. Francis Co. Binding records. Keifer & Wenzel. R. B. Morris. F. C. Dockeray. R. B. Morris. Funk & Wagnalls Co. J. E. Turton. File cases. J. E. Turton. File cases. J. E. H. Bowie. L. C. Coronstructing platform. Flow Constructing platform. Flow Construction. Flow		W W Roct	Pointing instrument shelter	2.
Myer Bros.  H. D. Peast & Co. Central of Georgia R. R. Co. J. & C. N. Thomas. Cleaning clock The Richmond & Backus Co. Binding maps. C. F. Barnes. H. Leonard & Sons. H. Leonard & Sons. Office furniture. H. Leonard & Sons. Office furniture. Horse hire. Southern Electrical Co. A. Midget. W. N. Tillett. Southern Electrical Co. A. Midget. Morrison, Merrill & Co. St. Louis Transfer Co. Forsberg & Murray. Grate bars. Fittsburg, Cincinnati, Chicago and St. Louis Boston and Maine R. R. Southern Rwy. Co. E. J. Joy. W. B. Francis Co. Boston and Maine R. R. Southern Rwy. Co. E. J. Joy. W. B. Francis Co. E. J. Joy. W. B. Francis Co. Binding records. Keifer & Wenzel. R. B. Morris. F. C. Dockeray. R. B. Morris. Funk & Wagnalls Co. J. E. Turton. File cases. J. E. Turton. File cases. J. E. H. Bowie. L. C. Coronstructing platform. Flow Constructing platform. Flow Construction. Flow		Arnold & Wootherhoo Co	Renairing cable	4.
Myer Bros.  H. D. Peast & Co. Central of Georgia R. R. Co. J. & C. N. Thomas. Cleaning clock The Richmond & Backus Co. Binding maps. C. F. Barnes. H. Leonard & Sons. H. Leonard & Sons. Office furniture. H. Leonard & Sons. Office furniture. Horse hire. Southern Electrical Co. A. Midget. W. N. Tillett. Southern Electrical Co. A. Midget. Morrison, Merrill & Co. St. Louis Transfer Co. Forsberg & Murray. Grate bars. Fittsburg, Cincinnati, Chicago and St. Louis Boston and Maine R. R. Southern Rwy. Co. E. J. Joy. W. B. Francis Co. Boston and Maine R. R. Southern Rwy. Co. E. J. Joy. W. B. Francis Co. E. J. Joy. W. B. Francis Co. Binding records. Keifer & Wenzel. R. B. Morris. F. C. Dockeray. R. B. Morris. Funk & Wagnalls Co. J. E. Turton. File cases. J. E. Turton. File cases. J. E. H. Bowie. L. C. Coronstructing platform. Flow Constructing platform. Flow Construction. Flow		E Emilian	Altoring capit	5.
Morrison, Merrill & Co			Drawago	2.
Morrison, Merrill & Co		H D Foort & Co	Field glace	15.
Morrison, Merrill & Co		Control of Coorgio P. P. Co	Passangar transportation	5.
Morrison, Merrill & Co		I for N. Thomas	Cleaning cleak	1.
Morrison, Merrill & Co		The Dielemand & Deelers Co	Dinding mana	20.
Morrison, Merrill & Co		O E Paragraphic & Backus Co	Duding maps	
Morrison, Merrill & Co		C. F. Barnes	Repairing telegraph line	2.
Morrison, Merrill & Co		H. Leonard & Sons	Office furniture	18.
Morrison, Merrill & Co		W. N. Tillett	norse nire	2.
Morrison, Merrill & Co. St. Louis Transfer Co. Forsberg & Murray Rudolph, West & Co. Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co. Boston and Maine R. R. Southern Rwy. Co. E. J. Joy. W. B. Francis Co. Keifer & Wenzel R. B. Morris F. C. Dockeray S. C. Phillips Funk & Wagnalls Co. J. E. Turton Southern Printers Supply Co. E. H. Bowie L. C. Cover J. R. Glenn H. C. Cooke J. R. Glenn H. C. Cooke J. R. Glenn H. C. Cooke J. R. B. Horris F. R. B. Bowie L. C. Cover J. R. Glenn H. C. Cooke J. R. B. H. H. Hobbs A. A. Zappone J. C. Kadel Marthas Vineyard Telegraph Co. H. E. Hobbs F. R. Beahan F. Quattlebaum C. H. Richardson J. J. O'Donnell J. H. Kimball E. T. Burns F. P. Chaffee J. G. Rolen J. H. Kimball J. H. Kimball J. H. Rolisson J. J. R. Salbsbary J. J. R. Rolen J. J. R. Salbsbary J. J. R. Salbsbary J. J. R. Rolen J. J. R. Salbsbary J. J. R. Rolen J. J. R. Salbsbary J. J. R. Salbsbary J. J. R. Rolen J. R. Ro		Southern Electrical Co	Repairing electric motor	2.
Boston and Maine R. R.   do   Southern Rwy. Co.   do   Constructing platform   do   E. J. Joy.   Constructing platform		A. Midget	Wood	18.
Boston and Maine R. R		Morrison, Merrill & Co	Lumber	5.
Boston and Maine R. R		St. Louis Transfer Co	Drayage	1.
Boston and Maine R. R		Forsberg & Murray	Grate bars	27.
Boston and Maine R. R		Rudolph, West & Co	Staples and tacks	9.
Boston and Maine R. R		Pittsburg, Cincinnati, Chicago and St. Louis	Passenger transportation	3.
Boston and Maine R. R.				
Southern Rwy. Co E. J. Joy. W. B. Francis Co. Keifer & Wenzel. R. B. Morris. F. C. Dockeray. S. C. Phillips. S. C. Phillips. Funk & Wagnalls Co. J. E. Turton. Flie cases. Southern Printers Supply Co. do. The J. C. Ergood Co. E. H. Bowie. L. C. Cover J. R. Glenn. H. C. Cooke. L. C. Cover J. R. Glenn. H. E. Hobbs. A. Zappone. do. do.  20 Direct West India Cable Co. H. E. Hobbs. Staples. F. R. Beahan. P. Quattlebaum. C. H. R. Erdbbs. F. R. Beahan. P. Quattlebaum. C. H. Richardson. Subsistence. M. B. Stubbs. M. C. Devereaux. J. E. Traveling expenses. J. E. T. Burns. F. P. Chaffee. J. G. Subsistence Subsistence Staton expenses. J. E. Hobbs. J. Go. J. J. O'Donnell. J. H. Kimball. Drayage. E. T. Burns. F. P. Chaffee. A. G. Burns. J. H. Bronson. J. H. Robinson. J. J. O'Donsol. J. H. Robinson. J. H. Robinson. J. H. Robinson. J. J. H. Robinson. J. H. L. Telegraph Services. J.		Boston and Maine R. R.	do	15.
J. R. Glenn		Southern Rwy, Co	do	82.
J. R. Glenn		E. J. Jov	Constructing platform	12.
J. R. Glenn		W. B. Francis Co	Binding records	1.
J. R. Glenn		Keifer & Wenzel	Renairing clock	2.
J. R. Glenn		R B Morris	Ink	
J. R. Glenn		F C Dockers v	Rengiring typewriter	2.
J. R. Glenn		S C Phillins	Chairs	6.
J. R. Glenn		Funk & Wagnelle Co	Dictionary stand	7.
J. R. Glenn		I F Turton	File asses	259.
J. R. Glenn		Couthorn Printers Supply Co	Stoples	62.
J. R. Glenn		do	Trans etc	37.
J. R. Glenn		The I C Freed Co	Flour	57.
J. R. Glenn		E H Dowie	Carbaiatomas	1. 46.
J. R. Glenn		I C Coura	Thornoling over one of	26.
Marthas Vineyard Telegraph Co		I D Clopp	Traveling expenses	20.
Marthas Vineyard Telegraph Co		II C Cooks	00	5. 19.
Marthas Vineyard Telegraph Co		H. C. COOKE		19.
Marthas Vineyard Telegraph Co	10	П. Е. HODDS		2.
Marthas Vineyard Telegraph Co	19	A. Zappone	00	41.
Marthas Vineyard Telegraph Co	00	Disset IV 4 T 11 0 11 0		52.
Marthas Vineyard Telegraph Co	22	Direct West India Cable Co	Telegraph services	202.
Marthas Vineyard Telegraph Co		do		214.
J. J. O'Donnell   Subsistence		D. C. Kadel	Traveling expenses	24.
J. J. O'Donnell   Subsistence		Martnas Vineyard Telegraph Co	Telegraph services	24.
J. J. O'Donnell   Subsistence		H. L. Hobbs	Station expenses	9.
J. J. O'Donnell   Subsistence		r. k. Beanan	Hauling coal	33.
J. J. O'Donnell   Subsistence		r. Quattlebaum	Services	14.
J. J. O'Donnell   Subsistence		C. H. Kichardson	Subsistence	29.
J. J. O'Donnell   Subsistence		do	Ice and janitor service	7.
J. J. O'Donnell   Subsistence     J. H. Kimball   Drayage     E. T. Burns   Traveling expenses     F. P. Chaffee   do     A. G. Burns   do     G. N. Salisbury   do     E. C. Vose   do     C. M. Strong   do     R. G. Allen   do     L. M. Tarr   do     B. H. Bronson   do     J. H. Robinson   do     Cuba Submarine Telegraph Co. (Limited)   Telegraph services     do   do		W. T. Lathrop	Subsistence	31. 31.
J. J. O'Donnell   Subsistence     J. H. Kimball   Drayage     E. T. Burns   Traveling expenses     F. P. Chaffee   do     A. G. Burns   do     G. N. Salisbury   do     E. C. Vose   do     C. M. Strong   do     R. G. Allen   do     L. M. Tarr   do     B. H. Bronson   do     J. H. Robinson   do     Cuba Submarine Telegraph Co. (Limited)   Telegraph services     do   do		M. B. Stubbs	do	31.
J. J. O'Donnell   Subsistence     J. H. Kimball   Drayage     E. T. Burns   Traveling expenses     F. P. Chaffee   do     A. G. Burns   do     G. N. Salisbury   do     E. C. Vose   do     C. M. Strong   do     R. G. Allen   do     L. M. Tarr   do     B. H. Bronson   do     J. H. Robinson   do     Cuba Submarine Telegraph Co. (Limited)   Telegraph services     do   do		W. C. Devereaux	Subsistence and station expenses.	36.
J. J. O'Donnell		do	do	35.
J. H. Kimball   Drayage		J. J. O'Donnell	Subsistence	31.
E. T. Burns. Traveling expenses F. P. Chaffee do A. G. Burns do G. N. Salisbury do E. C. Vose do C. M. Strong do B. G. Allen do L. M. Tarr do B. H. Bronson do J. H. Robinson do Cuba Submarine Telegraph Co. (Limited) Telegraph services do do Contral District and Printing Telegraph Co		J. H. Kimball	Drayage	3.
F. P. Chaffee do		E. T. Burns	Traveling expenses	16.
A. G. Burns		F. P. Chaffee	do	37.
G. N. Salisbury		A. G. Burns	do	10.
E. C. Vose  C. M. Strong  G. G. Allen  C. M. Tarr  G. G. B. H. Bronson  G. H. Bronson  G. H. Robinson  Cuba Submarine Telegraph Co. (Limited)  G. G. G.  G.		G. N. Salisbury	do	22.
C. M. Strong		E. C. Vose.	do	9.
R. G. Allen do		C. M. Strong	do	9. 28.
L. M. Tarr do  B. H. Bronson do  J. H. Robinson do  Cuba Submarine Telegraph Co. (Limited) Telegraph services.  do  do  do  do  do  Contral District and Printing Telegraph Co. do		R. G. Allen	do	15.
B. H. Bronson.		L. M. Tarr	do	7
J. H. Robinson do Cuba Submarine Telegraph Co. (Limited) Telegraph services do do do do do do do Central District and Printing Telegraph Co. do		B. H. Bronson	do	7. 31. 27.
Cuba Submarine Telegraph Co. (Limited) Telegraph services		I H Robinson	do	97.
do		Cuba Submarine Telegraph Co (Limited)	Talagraph carvioss	14.
do do do Central District and Printing Telegraph Co do		do	do do	17.
do do do Central District and Printing Telegraph Co do		dodo		17. 17.
Central District and Printing Telegraph Co		do	do	17.
Central District and Printing Telegraph Co		Control District and Drinting Polarica 1 C		4.
		Central District and Printing Telegraph Co		19. 10.

Date.	Name.	Nature of payment.	Total
1903.			
ept. 22	Rising Sun Telegraph Line	Telegraph servicesdo	\$2.
	Alabama, Mississippi and Tennessee Tele-	do	6.
	phone Co. Corvallis and Eastern R. R. Co	do	9
	do	do	2.
	do Home Telephone Co Cozzens Bros.	do	10
	Cozzens Bros F. J. Massard Pacific Metal Works J. H. Horton	Repairing brickwork on boilers	395
	Pacific Metal Works	Stereotype metal	35. 8.
	J. H. Horton	Foundation for tower	25
	Chapin & Simpson Louis Hendricks Kauffman, Meyer & Co	Repairing orderwork of boliers . Erecting tower . Stereotype metal . Foundation for tower . Horse hire . Coal and wood . Carpet and lining . Water cooler .	21
	Louis Hendricks	Cornet and lining	99 68
	National Electrical Supply Co. National Electrical Supply Co. F. J. Midgett. O. Rice & Co. R. Stone. A. Midgett. B. M. Jacobs & Bros. G. R. Metton.	Water cooler Split knobs Coal and oil Platen, etc Erecting tank Turpentine, oil, etc Carpet, linoleum, and shades.	3
	National Electrical Supply Co	Split knobs	62
	F. J. Midgett	Coal and oil	62
	R Stone	Fracting tank	255
	A. Midgett	Turpentine, oil, etc.	5.
	B. M. Jacobs & Bros	Carpet, linoleum, and shades	98
	G. K. Matten	Repairing clock	98 2 17
	Ithaca Ice Co	Ice	17
	G. R. Matten F. Wimhurst Ithaea Ice Co. A. J. Parrish F. B. Barnum E. G. Pluke H. M. Stevenson	Repairing clock Painting signs, etc Ice Ice box	5
	F. B. Barnum	Ink and mucilage	3
	E. G. Pluke	lce box Ink and mucilage Repairing linoleum Cleaning office Cleaning carpet, etc Electric lanterns Wood Envelopes Coal	2 2 2
	O'Neal & Houck	Cleaning office	2
	P. Gray & Sons.	Electric lanterns	1,575
	Peninsular Bark and Lumber Co.	Wood	4
	I M Russell	Envelopes	363 30
	Crowdus Bros. & Co.	do	33
	E. F. Sanguinetti.	Hose	10
	Foote Pierson & Co	Lightning arrester	3
	O'Neal & Houck P. Gray & Sons. Peninsular Bark and Lumter Co. United States Envelope Co. J. M. Russell Crowdus Bros. & Co. E. F. Sanguinetti. Foote Pierson & Co. O. W. Bye L. T. Garrison J. W. Holmes Hoke Engraving Plate Co. Green Bay Western R. R. Co. Northern S. S. Co. R. P. Clarke Co. Lamb & Tilden	Coal	2
	J. W. Holmes	Team and services	$\frac{4}{3}$
	Hoke Engraving Plate Co	Gas stove, etc	13
	Green Bay Western R. R. Co	Team and services Gas stove, etc Passenger transportationdo Rubber blankets Rubber stamps Carpet and lining Traveling expensesdodo Horse Wire, staples, plow, etc Dynamite and fuse Oak slabs Pay roll, printing office	3 8
	R. P. Clarke Co	Rubber blankets	28
	Lamb & Tilden	Rubber stamps	1
0.0	Clark & Davenport.	Carpet and lining	126 7 17
30	R. P. Clarke Co. Lamb & Tilden Clark & Davenport. E. B. Calvert A. Zappone H. E. Williams Chapin & Simpson J. W. Silcott Plaster & Robey H. H. Trussell	do do	17
	H. E. Williams	do	6
	Chapin & Simpson	Horse	125 85
	J. W. Silcott	Wire, staples, plow, etc	80 90
	H. H. Trussell	Oak slabs	15
	H. H. Trussell B. F. Larcombe et al	Pay roll, printing office	2,397
	That I found account on		99 540
	Total first quarter		33,742
ct. 3	G. L. Lovett	Office rent	105
12	P. A. F. Walter, postmaster The Apalachicola Electric Light and Tele-	Rent of post-office box. Electric light.	1
	The Apalachicola Electric Light and Tele- phone Co.	Electric light	18
	Lone Star Ice Co	Ice	4
	The Steffen & Bretch Ice Co	do	4
	G. Rivenburg	Westing to the second	2 2
	F. L. Knight	do	1
	The Southwest Telegraph and Telephone Co.	Telephone services	15
	West Virginia Western Telephone Co	do	4
	Kallspell Water and Electric Co	do	12
	Southern Bell Telephone and Telegraph Co	do	3
	do.	do	3 21
	The Aparachicora Electric Light and Telephone Co. Lone Star Ice Co The Steffen & Bretch Ice Co. G. Rivenburg J. Campt ell. F. L. Knight The Southwest Telegraph and Telephone Co. West Virginia Western Telephone Co. Kalispell Water and Electric Co Santa Fe Electric Telephone Co. Southern Bell Telephone and Telegraph Co. do. The Wichita Telephone Co. Sunset Telephone and Telegraph Co. Pennsylvania Telephone Co. Pacific States Telephone and Telegraph Co. Lynchburg Telephone Co. The Rocky Mountain Bell Telephone Co. Southern States Telephone Co. The Colorado Telephone Co. W. S. Rowe	do	12
	Sunset Telephone and Telegraph Co	do	6 18
	Pacific States Telephone and Telegraph Co	do	9.
	Lynchburg Telephone Co	do	3
	The Rocky Mountain Bell Telephone Co	do	3. 15. 9.
	Southern States Telephone Co	do	9.
	The Coloredo Telephone Co	do	12.

Date.	Name.	Nature of payment.	Total.
1903		(0.1)	97 -
et. 12	The Pacific States Telephone and Telegraph	Telephone services	\$7.5
	Co. Bell Telephone Co. of Buffalo. The Inland Telephone and Telegraph Co. Telephone Co. of South Jersey Rocky Mountain Bell Telephone Co. Buffalo, substations Norfolk, substations Macon, substations Pensacola, substations Pensacola, substations J. P. Bolton W. A. Mitchell M. E. Blystone A. G. McAdie H. C. Howe H. J. Cox	do	29.5 9.0
	Telephone Co. of South Jersey	do	5.0
	Buffalo, substations	Pay roll.	9.0 162.0
	Norfolk, substations.	do	120.0
	Macon, substations  Pensacola, substations	do	39.2 36.0
	N. R. Taylor	Drayage	1.2 27.2
	W. A. Mitchell	Station expenses	36.6
	M. E. Blystone	Drayage	5. 6 4. 7
	H. C. Howe	Traveling expenses	4. 7 5. 7
	H. J. Cox.  The Okonite Co. (Limited) Scarritt-Comstock Furniture Co. Pan Electric Service and Appliance Co. F. O. Wright	do	49.0
	The Okonite Co. (Limited)	Cable Office furniture	49. ( 57. 8 602. (
	Pan Electric Service and Appliance Co	Adjusting motor, etc	14. 8
	F. O. Wright. The Fred Macey Co. (Limited)	Painting instrument shelter	8.0 18.4
	Queen & Co. (Incorporated)	Triple register.	825.0
	Rascha Saga Hardwara Co	Alcohol	5.0
	F. O. Wright The Fred Macey Co. (Limited) Queen & Co. (Incorporated) do Basche Sage Hardware Co. United States Gas and Power Co	Adjusting motor, etc Painting instrument shelter Index cal inet. Triple register Alcohol Awnings Installing storm-warning lanters	5. ( 12. ( 32. (
	W. J. Bailey W. O. Zook Grand Rapids Wholesale Furniture Co. F. G. & A. Howald A. B. Dick Co Shipley & Co. W. T. Amick Addressograph Co. do. Henry Heil Chemical Co. The Warner, Swasey Co. Hoke Engraving Plate Co. A. Kimball E. D. Foote W. D. Frisbie R. Herrera A. L. Crumpton California Machine Works W. J. Crawford do. G. F. Muth	terns.	55.0
	W. O. Zook	Removing shelving	1.0
	Grand Rapids Wholesale Furniture Co	Letterpress stand	14.0 7.0
	A. B. Dick Co	Oil board backings	10.
	Shipley & Co	Repairing desk. Oil board backings. Typewriter stand. Painting river gauge Type. Type and ink. Vaseline. Field glass	10.0 25.0
	Addressograph Co.	Type.	10.
	Honry Hoil Chemical Co	Type and ink	10.3 14.0
	The Warner, Swasey Co.	Vaseime Field glass Clamps Distributing warnings Repairing stove Repairing flagstaff do Washing towels Erecting mast and engine shed Drayage	30.0
	Hoke Engraving Plate Co	Clamps	1. 25.
	E. D. Foote	Repairing stove	5.4
	W. D. Frisbie	Repairing flagstaff	3.0 2.0
	A. L. Crumpton	Washing towels	2.
	California Machine Works	Erecting mast and engine shed	1,062.
	do	dodo	1,062.0 2.3 3.3
	do G. F. Muth United States Express Co. James B. Lambie Co. (Incorporated) do National Electrical Suply Co. John C. Parker do do	Drawing board	3.6 10.
	James B. Lambie Co. (Incorporated)	Files, iron pipe, etc.	60.
	do	File handles	3.6 9.6
	John C. Parker	Paper	419.0 138.5
	do	do	138.5
	do	Ink eradicator	58. 21.
	do	dododo Ink eradicator Paper Map paper Paperdo Blank books Office furniture	75.
	do	Paper	123.
	do	do	75.3 785.0 123.1 82.4
	W. B. Moses & Sons.	Office furniture	45.4
	Lomb & Wildon	do	47.6
	United States Envelope Co.	Envelopes	993.0
	Mackall Brcs.	Soap	71. 8
	Edward Mullin	White rags	31.0 14.0
	R. P. Clarke Co	Muslin	8.6
	do d	Soap Hay, straw, oats, and corn. White rags Muslin Answering pennantsdo Type Repairs to typewriter Typewriter do	4. 8 4. 8
	M. Du Perow	Type.	744.0
	do	Typewriter.	25.1 72.1 72.1
	Dydolph West & Co	do	72.
	do.	Grindstone	4 5
	do	Typewriterdodo Figures for river gauge Grindstone Copper oilers Stationery supplies Paper, etc	1.4
	R. Carter Ballantyne	Stationery supplies	191.

Date.	Name.	Nature of payment.	Total
1903.			
t. 12	Clarke & Davenport	Carpet. Hempel's quoins.	\$52
	Southern Printers Supply Co	Hempel's quoins	5 6
	The Norris Peters Co	Recutting negatives Map frames	50
	S. J. Venable. J. W. Jordan & Co.	Rollers	11
	J. H. Lee	Dynamite	75
	J. C. Entwistle	Engraving rain chart	10
	J. G. Smith. Western Union Telegraph Co.	Penholders. Telegraph services	30 106
	western Grown Telegraph Cododo. New England Telephone and Telegraph Co W. T. Lathrop. J. H. Kimball C. B. Bright A. Brand	do do	16
	do	do	144
	New England Telephone and Telegraph Co	do	2
	W. T. Lathrop	Traveling expenses	1
0	C. B. Bright	do	27
	A. Brand	do	17
	do	do	1
	T. F. Townsend	do	3
	J. T. Patterson		30
			22
	H. C. Hunter A. C. Pickels	do	3
	A. C. Pickels	do	2
	J. W. Carr H. B. Wren	do	20
	F. H. Duff	do	1
	F. H. Duff Parkersburg, substations C. A. Blumner	Pay roll.	72
	C. A. Blumner.	Services	18
			15
	E H Nimmo	Washing towals	{ ]
	Chicago Auditorium Association	Office rent.	437
	Taylor National Bank	do	143
	E. Harding	do	88
	C P Macking	Ground ront	120
	Walla Walla Lodge No. 56, L. O. O. F.	Office rent	84
	J. Crocker	do	75
	Consolidated Improvement Co	do	165
	City of Columbia, S. C	do	90
	O. I. Mairs	do	72 90
	M. G. Roves	do	40
	P. Sonna.	do	120
	M. M. Latta	do	25
	T. B. Catron	do	131 105
	C. C. Garrett E. H. Nimmo Chicago Auditorium Association Taylor National Bank E. Harding O. Adams, jr C. P. Meekins Walla Walla Lodge No. 56, I. O. O. F. J. Crocker Consolidated Improvement Co City of Columbia, S. C. D. H. Ross. O. I. Mairs. M. G. Roves P. Sonna M. M. Latta. Citizens Bank of Norfolk, Va. T. B. Catron. Conrad National Bank Prudential Building Co T. M. Jeffris & Co. C. M. Beeson. D. I. S. G. C. C. Parknoved M. C. Prett	do	67
	Prudential Building Co	do	170
	T. M. Jeffris & Co	do	125
			88
	Dent & Beutler	do	103
	Fremont Lumber Co	do	87
	Dent & Beutler Fremont Lumber Co Law Building Co Paine Bros	do	# 62
	H Pollo	Poof rent	176 125 88 92 105 87 77
	H. Rolle Postal Telegraph Cable Co. of Texas Jacksonville and St. Johns Bar Telegraph	Telegraph services	108
	Jacksonville and St. Johns Bar Telegraph	do	8
	Chicago, Burlington and Quincy R. R. Co	do	10
	Chicago, Burlington and Quiney R. R. Co Pacific States Telephone and Telegraph Co Ocean Towboat Line	do	30
	Minneapolis, St. Paul and Sault Ste. Marie	do	16
	Rwy. Co.		
	Idaho Independent Telephone Co. (Limited).	Telephone services	12 16
	Larned Telephone Co	do	3
	Rwy. Co. Idaho Independent Telephone Co. (Limited). The Toledo Home Telephone Co. Larned Telephone Co. Pacific States Telephone and Telegraph Co. Southern Bell Telephone and Telegraph Co. Chicago Telephone Co.	do.	9
	Southern Bell Telephone and Telegraph Co	do	9
	Chicago Telephone Co. Narragansett Pier R. R. Co.	do	72
	Narragansett Pier K. K. Co	Passenger transportation	10 45
	Pennsylvaina R. R. Co. Chicago, Milwaukee and St. Paul Rwy. Co. Seaboard Air Line Rwy. Duluth, South Shore and Atlantic Rwy. Co. Baltimore and Ohio R. R.	do	20
	Seaboard Air Line Rwy.	do	19
	Duluth, South Shore and Atlantic Rwy. Co	do	9
	Baltimore and Ohio R. R.	do	21
	Grand Trunk Rwy. Co		26
	Chesapeake and Onto hwy. Co	3-	21

Date.	Name.	Nature of payment.	Total.
1903.			
et. 12	Naegele & Co	Printing climate and crop reports.	\$25.0
	Mungers Laundry Co	Towel supply	6.
	Tampa Electric Co.	Towel supply Electric light	3.
	Naegele & Co. Mungers Laundry Co. Tampa Electric Co. The Wichita Gas, Electric Light and Power Co.	Electric current	6
	Co. Cheyenne Ice Co. D. Swinehart A. C. Lake. R. Munroe. W. T. Scott B. S. Mason. J. A. Roeblings' Sons Co. Seth Thomas Clock Co. Valley Paper Co. The J. M. Klein Electric Works Peter Gray & Sons. Chadwick Copying Book Co. Carter, Rice & Co. (Corporation) J. S. Craigo A. Zappone. C. M. Strong. B. Bunnemeyer M. A. Robinson. F. H. Brandenburg. J. T. Myers C. Sevilla. G. N. Wilson. J. J. Gray. Southern Bell Telephone and Telegraph Co. Cumberland Telephone and Telegraph Co. Southern Bell Telephone and Telegraph Co. New York Telephone Co. Southern Bell Telephone and Telegraph Co. New York and Pennsylvania Telephone and Telegraph Co. New York and Pennsylvania Telephone and	Ice	5.
	D. Swinenart	Danairing talagraph line	6.
	R Munroe	do	1. 1.
	W. T. Scott	Repairing instrument shelter	6.
	B. S. Mason	Painting instrument shelter	12.
	J. A. Roeblings' Sons Co	Copper wire and connectors	64.
	Seth Thomas Clock Co	Regulators	110. 811.
	Valley Paper Co	Tolograph as blo	1,750.
	Peter Gray & Sons	Conner tank	1, 100.
	Chadwick Copying Book Co	Copying books	5. 11.
	Carter, Rice & Co. (Corporation)	Paper.	490.
	J. S. Craigo	Repairing wind vane	3.
	A. Zappone	Traveling expenses	3. 13.
	C. M. Strong.	00	13.
	M A Robinson	do	23. 14.
	F. H. Brandenburg	do	32.
	J. T. Myers	Services	15.
	C. Sevilla	. <u>.</u> do	5.
	G. N. Wilson	Drayage	1.00
	Court have Poll Tolonham and Tolomanh Co	Subsistence	45. 12.
	Cumberland Telephone and Telegraph Co	do	21.
	Favette Home Telephone Co	do	4.
	Cumberland Telephone and Telegraph Co	do	4. 48.
	Southern Bell Telephone and Telegraph Co	do	12.
	Palestine Telephone Co	do	9.
	New York Telephone Co	00	60. 9.
	New York and Pennsylvania Telephone and	do	12.
	Telegraph Co.		
	Southern Bell Telephone and Telegraph Co	do	15.
	Cumberland Telephone and Telegraph Co	do	16.
	Consondated Telephone Cos. of Pennsylvania	do	9.
	Telegraph Co. Southern Bell Telephone and Telegraph Co. Cumberland Telephone and Telegraph Co. Consolidated Telephone Cos. of Pennsylvania Pennsylvania Telephone Co. The Southwestern Telegraph and Telephone	do	11. 7.
	Co.		
	The San Antonio Telephone Co. Cumberland Telephone and Telegraph Co. Southern Bell Telephone and Telegraph Co. Wytheville Telephone Co. The Empire State Telephone and Telegraph	do	7.
	Cumberland Telephone and Telegraph Co	do	19.
	Wytheville Telephone and Telegraph Co	do	7. 3.
	The Empire State Telephone and Telegraph	do	3. 7.
	Co.		
	The Bell Telephone Co. of Missouri	do	22.
	Missouri and Kansas Telephone Co	do	6. 24.
	Southern Bell Telephone and Telegraph Co	do	24.
	Missouri and Kansas Telephone Co	do	0. 25
	The Bell Telephone Co. of Missouri Missouri and Kansas Telephone Co. Southern Bell Telephone and Telegraph Co. The Diamond State Telephone Co. Missouri and Kansas Telephone Co. Citizens Telephone Co. Zenith City Telephone Co. Zenith City Telephone Co. Duluth Telephone Co. Duluth Telephone Co. Rocky Mountain Bell Telephone Co. New Telephone Co. Michigan Telephone Co. Michigan Telephone Co. The Louisville Home Telephone Co. New York and Pennsylvania Telephone and Telegraph Co.	do.	13.
	Zenith City Telephone Co	do	25. 25. 13. 7.
	Duluth Telephone Co.	do	12.
	Chesapeake and Potomac Telephone Co	do	51.
	Rocky Mountain Boll Talaphone Co	do	7. 8.
	New Telephone Co	do	10.
	Michigan Telephone Co.	do	6.
	The Louisville Home Telephone Co	do	6. 12. 7.
	New York and Pennsylvania Telephone and	do	7.
	Telegraph Co.	do	10
	E. V. Hauser Central New York Telephone and Telegraph	do	10. 20.
	Co.		
	Southern Bell Telephone and Telegraph Co	do	12.
	Topeka Independent Telephone Co	do	9.
	The Cleveland Telephone Co	do	33
	Ontario Telephone Co	do	15
	Peninsular Telephone Co.	do	8
	East Tennessee Telephone Co	do.	7. 15. 8. 9.
	Co. Southern Bell Telephone and Telegraph Co. Topeka Independent Telephone Co. The Cleveland Telephone Co. LaCrosse Telephone Co. Ontario Telephone Co. Peninsular Telephone Co. East Tennessee Telephone Co. Home Telephone Co. Columbus Citizens Telephone Co. Central Union Telephone Co. Sunset Telephone and Telegraph Co.	do	6.
	Columbus Citizens Telephone Co	do	10.
	Lenural Union Telephone Co	do	15.

1903. et. 12	Courth and Dall Malankana and Malananak Ca		
et. 12	Courthouse Dell Welsels and Welsensels Co		
. 12		Telephone services	\$4
	Black Hills Telegraph and Telephone Co	do	21
	Interstate Telephone and Telegraph Co	do	4
	Wisconsin Telephone Co	do	4 12
	Southern Bell Telephone and Telegraph Co. Black Hills Telegraph and Telephone Co. Interstate Telephone and Telegraph Co. Wisconsin Telephone Co. The City and Surburban Telegraph Associa-	do	21
	tion.		2.
	tion. Asheville Telephone Co. The Northwestern Telephone Exchange Co. Sunset Telephone and Telegraph Co. Bell Telephone Co. of Buffalo. Union Trust Co. A. J. Knight. City of Palestine, Tex Albert Marty B. M. Jacobs. Tacoma Chamber & Conimerce and Board of Trade.	do	6
	The Northwestern Telephone Exchange Co.	do	21
	Sunset Telephone and Telegraph Co	do	6
	Bell Telephone Co. of Buffalo	do	1
	Union Trust Co.	do	28
	A. J. Knight	Office rent	82
	City of Palestine, Tex	do	78 165
	Albert Marty	do	165
	B. M. Jacobs	do	20 75
	Tacoma Chamber of Commerce and Board of	do	75
	Trade.		
	Asheville Library Association	do	75
	Michigan Trust Co. Building	do	350
	B. S. Williams	do	350 73
	Bank of Wytheville, Va	do	100
	Title Guarantee Loan and Trust Co	do	60
	K. F. Coke	do	60 120
	Trade. Asheville Library Association Michigan Trust Co. Building. B. S. Williams. Bank of Wytheville, Va. Title Guarantee Loan and Trust Co. K. F. Coke. W. Talbott. C. J. Buell. J. K. Porter. A. W. Kennie. D. W. King. L. Wilson. A. Klein. Baltimore Towel Supply Co. San Antonio Gas and Electric Co. Georgetown Electric Light Co. Charleston Consolidated Rwy., Gas and Electric Co.	do	120
	C. J. Buell	do	94
	J. K. Porter	do	150
	A. W. Kennie	do	78
	D. W. King	Washing towels	è
	L. Wilson	do	1
	A. Klein	do	2
	Baltimore Towel Supply Co	do	2
	San Antonio Gas and Electric Co	Electric light	9
	Georgetown Electric Light Co	do	8
	Charleston Consolidated Rwy., Gas and Elec-	do	8
	tric Co.	7.	
	New Bedford Gas and Edison Light Co Charleston Consolidated Rwy., Gas and Elec-	do	
	Charleston Consolidated Rwy., Gas and Elec-	do	8
	trie Co.	,	,
	Annapolis Gas and Electric Light Co	do	6
	W. V. Hughes	do	6
	Peoples Gas and Electric Co. of Oswego	do	1
	tric Co. Annapolis Gas and Electric Light Co. W. V. Hughes. Peoples Gas and Electric Co. of Oswego. A. J. Knight. Indianapolis Light and Power Co. C. H. Green & Co. The Human Ice Co. W. G. Harwood. Oklahoma Ice and Cold Storage Co. C. B. Little. O. A. Solomon. The Newburge Co.	Electric current	1 2 18
	Indianapolis Light and Power Co	T Q0	10
	C. H. Green & Co	1ce	5
	W. C. Harwood	do	6
	Olalahama Isa and Cold Starage Co	do	2
	C P Little	Weter	11
	O A Solomon	Reneiring wind vene	11
	The Newburge Co	Renairing instrument supports	12
	The new burge co	etc.	/
	Poorson & Lotzic	Repairing roof apparatus	15
	T. P. Simpson	Dynamite	39
	A. E. Tilden	Cleaning carpet.	2
	J. S. Smith	Ink and mucilage	24
	T. P. Simpson. A. E. Tilden. J. S. Smith. H. Wheeler.	do	4
			Ę
	A. J. Miller American Type Founders Co Schacht & Riorden	Repairing clock	2
	American Type Founders Co	Type	3
	Schacht & Riorden	Repairing clock	2
	E. W. Turner. Terro Carrill y Almacenes de Santiago de	do	2 1 24
	Terro Carrill v Almacenes de Santiago de	Passenger transportation	24
	Cupa.	1	
	The Lake Shore and Michigan Southern Rwy	do	. 2
	Co.		
	Southern Rwy. Co	do	6
	Boston and Maine R. R.	do	22
	Detroit and Cleveland Navigation Co	do	22 3 2 2
	Elizabeth City and Norfolk Telegraph Co	Telegraph services	2
	Chicago, Burlington and Quincy R. R. Co	do	2
15	Hoke Engraving Plate Co.	Recoating base plates	162 19
	Co. Southern Rwy. Co Boston and Maine R. R. Detroit and Cleveland Navigation Co. Elizabeth City and Norfolk Telegraph Co. Chicago, Burlington and Quincy R. R. Co. Hoke Engraving Plate Co. C. F. Marvin W. F. Clark F. H. Bigelow W. S. Palmer J. N. Ryker R. M. Hardinge R. G. Allen C. F. von Herrmann J. I. Widmeyer	Traveling expenses	19
	W. F. Clark	do	
	F. H. Bigelow	do	36
	W. S. Palmer	do	39 47
	J. N. Ryker.	do	26
	R. M. Hardinge	do	49
	R. G. Allen	do	9
	C. F. von Herrmann	Janitor service, dravage, etc	25

Date.	Name.	Nature of payment.	Total.
1903.			
ct. 15	M. B. Stubbs do E. L. Renoe J. C. Pierey P. Connor J. W. Smith W. Ellis The Southern New England Telephone Co. E. S. Allen New England Telephone and Telegraph Co. Mississippi Valley Telephone Co. of Iowa Maryland Telephone and Telegraph Co. East Tennessee Telephone Co. Southern Bell Telephone and Telegraph Co. Southern Bell Telephone and Telegraph Co. Jacksonville Telephone and Telegraph Co. The Bell Telephone Co. The Bell Telephone Co. of Philadelphia Keystone Telephone Co. of Philadelphia Keystone Telephone Co. of Philadelphia Kinloch Telephone Co. Arizona Publishing Co. Vicksburg Herald World Publishing Co. State Journal Co. Emily Culbertson Port Huron Light and Power Co. Astoria Electric Co. Phoenix Light and Fuel Co Edison Sault Electric Co. Marblehead Municipal Lighting Co. Townsend Gas and Electric Co. Agricultural and Mechanical College of Kentucky. Owen & Welsh Co.	Subsistence	\$31.
	do	do	30. 3.
	E. L. Renoe	Penairing wind you ate	3. 4.
	P. Connor	Car fare	8.
	J. W. Smith	Express charges	8. 6. 9. 27.
	W. Ellis.	Services	9.
	The Southern New England Telephone Co	Telephone services	27.
	E. S. Allen	do	7.
	Mississippi Valley Telephone Co. of Lowe	do	14.
	Maryland Telephone and Telegraph Co	do	6. 18.
	East Tennessee Telephone Co	do	12. 15.
	Southern Bell Telephone and Telegraph Co	do	15.
	Packsonville Telephone Co	00	7. 7.
	East Tennessee Telephone Co	do	9
	The Bell Telephone Co. of Philadelphia	do	9. 17.
	Keystone Telephone Co. of Philadelphia	do	20.
	Kinloch Telephone Co	do	15.
	Arizona Publishing Co	Printing climate and crop reports.	98.
	World Publishing Co	do	52. 35. 22.
	State Journal Co.	do	22.
	Emily Culbertson.	Office rent	. 127.
	Port Huron Light and Power Co	Electric light	1. 6. 4.
	Green Bay Light and Power Co	do	-6.
	Phoenix Light and Fuel Co	do	5.
	Edison Sault Electric Co.	do	5. 16.
	Marblehead Municipal Lighting Co	do	4.
	Townsend Gas and Electric Co	do	4. 7. 3.
	Agricultural and Mechanical College of Ken-	do	3.
	tucky.	Floatria aurrent	1
	Minneapolis General Electric Co	do	4. 15.
	Lincoln Traction Co	do	13
	Buffalo Gas Co	Gas	5.
	Standard Gas and Electric Co	do	5. 12. 2.
	City Delivery Co	do	2.
	W. B. Lount	do	9.
	C. G. LeClair	do	3.
	The Consumers Co	do	10. 2.
	American Toilet Supply Co	Toilet supplies	2. 1.
	Pacific States Telephone and Telegraph Co	Rettary calls	1.
	do.	do	1.
	American Type Founders Co	Moving printing press	1.
	Agriculty  Agriculty  Owen & Welsh Co.  Minneapolis General Electric Co.  Lincoln Traction Co.  Buffalo Gas Co.  Standard Gas and Electric Co.  Muckerman Ice and Coal Co.  City Delivery Co.  W. B. Lount.  C. G. LeClair.  The Consumers Co.  American Toilet Supply Co.  McCormick & Bates.  Pacific States Telephone and Telegraph Co.  do.  American Type Founders Co.  Mais & Sant.	Removing instrument platform, etc.	134.
	J. J. Nolan. The San Francisco Electric Co.	Repairing addressograph. Wireless telegraph supplies. Reeving halyards. Printing supplies Oil. Reeasting rollers	1. 5.
	The San Francisco Electric Co	Wireless telegraph supplies	5.
	The San Francisco Electric Co P. Evirp American Type Founders Co Standard Oil Co R. H. Vorpahl Board of Public Works, Sault Ste. Marie J. E. Baum N. P. Hansen J. H. Leslie L. R. Taylor	Printing supplies	3.
	Standard Oil Co.	Oil.	5. 22. 6.
	R. H. Vorpahl	Recasting rollers	6.
	Board of Public Works, Sault Ste. Marie	Water supply	3.
	J. E. Baum.	Water supply Taking down wind vane, etc Repairing instrument shelter	4.
	I H Loslio	Repairing instrument shelter Tools. Repairing typewriter. Repairing river gage. Dry batteries. Erection of wind vane. Leads.	5. 9.
	J. B. Taylor	Repairing typewriter	3.
	J. A. Tennent	Repairing river gage	8.
	J. H. Bunnell & Co	Dry batteries	14. 10.
	J. B. Bacheller	Erection of wind vane	10.
	C. H. Davidson	Shalving in storaroom	1. 4.
	The Van Bibber Roller Co	Recasting rollers.	4.
	Faneuil Watch Tool Co	Wireless telegraph supplies	191.
	J. H. Leslie J. B. Taylor J. A. Tennent J. H. Bunnell & Co J. B. Bacheller American Type Founders Co C. H. Davidson The Van Bibber Roller Co Faneuil Watch Tool Co Patrick & Co H. E. Otto	Recasting rollers Wireless telegraph supplies Stencils Connections with gas stove	5.
	H. E. Otto	Connections with gas stove	3.
	Myer Newherger	Type protecting sheets	3. 48. 8.
	Cleveland, Akron and Columbus Rwy	Freight transportation	0.
	do	do	:
	Patrick & Co H. E. Otto. Josiah Conover Myer Newberger Cleveland, Akron and Columbus Rwydo. Star Union Line Louisville and Nashville R. R. Co Atlantic Coast Line R. R. Co Virginia Truckee R. R. Co.	do	
	Louisville and Nashville R. R. Co	00	:
	TABLETONS LARGER K CO	-110	

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904 - Cont'd.

	EXPENSES—Continued	

Date.	Name.	Nature of payment.	Total
1903.			
et. 15	Richmond, Fredericksburg and Potomac R. R. Co.	Freight transportation	\$0.
	Lehigh and Hudson River Rwy. Co	do	
	E. Hayden	Drayage	
	Bell Telephone Co. of Buffalo	Drayage Telephone services Passenger transportation	
	Co. A. L. Brockway. T. S. Outram. Flint & Walling Manufacturing Co. do. Z. D. Gilman. Goodyear Rubber Co. Richard Fysh. Philip Lindemeyr. H. G. Razall Manufacturing Co. Springer Bros. J. C. Burton. Caleb Wilson	Traveling expenses	6.
20	Flint & Walling Manufacturing Co	Instrument supports	1 417
20	do	do Instrument supports Storm-warning towers Amyl acetate Wireless telegraph supplies Cleaning clock Cardboard Conving bath	3, 127
	Z. D. Gilman	Amyl acetate	1
	Goodyear Rubber Co	Wireless telegraph supplies	4
	Philip Lindemeyr	Cardboard	$\frac{1}{22}$
	H. G. Razall Manufacturing Co.	Copying bath	6
	Springer Bros.	Cleaning river gage	3
	J. C. Burton	Erecting roof instruments	30
	Caleb Wilson	Cleaning weather map	30 30 8
	Alexander-Yost Co	Wireless telegraph supplies	0.2
	I A Roebling's Sons Co	Wire	7 32
	J. H. Bunnell & Co.	Jack boards, etc	28 28
	Caleb Wilson Alexander-Yost Co. E. G. Plake J. A. Roebling's Sons Co. J. H. Bunnell & Co. J. W. Strickland Richmond Type and Electrotype Foundry O. F. Plath	Cardboard. Copying bath. Copying bath. Cleaning river gage. Erecting roof instruments. Cleaning weather map. Wireless telegraph supplies. Repairing instrument shelter. Wire. Jack boards, etc. Drayage Type. Fumigating office. Pay roll. Station expenses. do Drayage Station expenses. do do do	15
	Richmond Type and Electrotype Foundry	Туре	53
	O. E. Plath	Fumigating office	5
	Reminded type and Electrotype Foundry. O. E. Plath. Chicago, substations. W. G. Burns. P. McDonough L. N. Jesunofsky. A. E. Hackett. S. W. Glenn. F. H. Ernery.	Pay roll.	349
	W. G. Burns.	Station expenses	5
	I. N. Jesunofsky	Dravage	2
	A. E. Hackett	Station expenses	10
	S. W. Glenn	do	4
	E. H. Emery W. C. Devereaux I. M. Cline. G. E. Grimes	Subsistence and station supplies.	24
	W. C. Devereaux	Subsistence and station supplies	34
	I. M. Cline	Drayage	2
	W A Mitchell	do do	1
	Columbia Telephone Co	Telephone services	é
	Pacific States Telephone and Telegraph Co	do	18
	W. C. Devereaux I. M. Cline. G. E. Grimes W. A. Mitchell Columbia Telephone Co. Pacific States Telephone and Telegraph Co. New England Telephone and Telegraph Co. The Southwestern Telegraph and Telephone Co. Sunset Telephone and Telegraph Co. Central Union Telephone Co. Nebraska Telephone Co. M. Telephone Co. M. The Gordon Telephone Co. Robt. Tyler W. Rigby Nashville Gas Co. Omaha Towel Co. M. T. Hayden. The Silver State Towel Supply Co. Jacksonville Towel Co. G. A. Von Blucher J. W. Eagleson Cape May Light and Power Co. Fall River Electric Light Co. E. A. Born. The John M. Klein Electric Co. American Surety Co. of New York Dexter Horton O. I. Taylor Yale Hicks, agent F. E. Warren Mercantile Co. E. D. Osborn. W. H. Dann. Indianapolis Gas Co. Ed S. Hughes & Co. J. L. Connell Pacific Club Society for Savings F. D. Miracle Bank of Tehama Co. Margaret Parmentier The Gamble Desmond Co. Jose Valenti The Chemical Building Co. N. W. Mutual Life Insurance Co. of Milwau- kee.	do	
	Sunset Telephone and Telegraph Co	ob	15
	Central Union Telephone Co	do	10
	Nebraska Telephone Co	do	21
	The Conden Telephone Co	do	15 9
	Robt Tyler	Printing climate and cron reports	10
	W. Righy	do	36
	Nashville Gas Co.	Gas	7
	Omaha Towel Co	Washing towels	3
	M. T. Hayden	do	6
	Lacksonville Towel Co	do	6
	G. A. Von Blucher	Ice	4
	J. W. Eagleson	do	4
	Cape May Light and Power Co	Electric light	3
	Fall River Electric Light Co	do	27
	The John M Vlein Fleetric Co	Renairing telegraph line	50
	American Surety Co. of New York	Office rent	875
	Dexter Horton.	do	120
	O. I. Taylor	do	100
	Yale Hicks, agent	do	120
	F. E. Warren Mercanthe Co	do	100
	W. H. Dann	do	158 128 72
	Indianapolis Gas Co	do	256
	Ed S. Hughes & Co	do	95
	J. L. Connell	do	118
	Facility for Sovings	do	65 285
	F D Miracle	do	285 147
	Bank of Tehama Co.	do	99
	Margaret Parmentier	do	74 96
	The Gamble Desmond Co	do	96
	Jose Valenti	do	75
	The Chemical Building Go	do	300 125

e.	Name.	Nature of payment.	Tota
3.	M. E. Conway   M. E. Conway  Mumboldt County, Nev Dyal-Upchurch Investment Co. New York, New Haven and Hartford R. R. Co Great Northern Rwy. Co. The Pennsylvania R. R. Co Edmond Hayden  J. J. Keliliher  Philadelphia, substations Harrisburg, substations  R. L. Lewis  R. L. Lewis  Rev England Telephone and Telegraph Co. Consolidated Telephone and Telegraph Co. Consolidated Telephone Exchange Co. Consolidated Telephone Exchange Co. Consolidated Telephone and Telegraph Co. Rocky Mountain Bell Telephone and Telegraph Co. Rocky Mountain Bell Telephone and Telegraph Co. Southern Bell Telephone and Telegraph Co. Southern Bell Telephone and Telegraph Co. Southern Bell Telephone and Telegraph Co. Southwestern Telegraph and Telephone Co. Rocky Mountain Bell Telephone Co. Mull Valley and Mount Tamalpais Scenic Rwy First National Bank, Portland, Me. The Farmers National Bank of Texas. Wm. Curry's Sons. H. H. Taylor, agent. H. Bolton J. Gussenhoven. Department of interior of Porto Rico. The Hayden Co. J. B. Smith L. Cs Angles Trust Co. W. Pollman F. L. Keating United Electric Light and Power Co. Asheville Electric Co. Co. C. G. Urban Rockingham County Light and Power Co. The Raleigh Electric Co. Fort Smith Light and Taction Co. Peoples Gas Light and Coke Co Barmhart Bros. & Spindler Summers Printing Co.  The R. L. Bryan Co J. F. Beck The Toway Manufacturing Co. (Limited)		
20	M. E. Conway	Office rent	\$3
	Humboldt County, Nev	do	18
	Dyal-Upchurch Investment Co	do	18
	New York, New Haven and Hartford R. R. Co	Passenger transportation	1
	Great Northern Rwy. Co	do	* 0
	The Pennsylvania R. R. Co	Dwg vo go	10
	Edmond Hayden	Drayage	
	Philadelphia substations	Pay roll	6
	Harrichurg substations	do	6 8 2
	R. L. Lewis	Telephone services	2
	New England Telephone and Telegraph Co	do	2
	Cumberland Telephone and Telegraph Co	do	1
	Consolidated Telephone Co	do	1
	Northwestern Telephone Exchange Co	do	1
	Cumberland Telephone and Telegraph Co	do	1
	Rocky Mountain Bell Telephone Co	do	1
	Southern Bell Telephone and Telegraph Co	00	1 2 3
	Cantrol District and Brinting Telegraph Co		2
	Wisconsin Tolophone Co.	do	0
	Sunsat Talanhana and Talagranh Co	do	
	Southwestern Telegraph and Telephone Co.	do	9
	Southern Bell Telephone and Telegraph Co.	do	2
	Cumberland Telephone and Telegraph Co	do	1
	Southwestern Telegraph and Telephone Co	do	
	Rocky Mountain Bell Telephone Co	do	1
	New England Telephone and Telegraph Co	do	1
	Southwestern Telegraph and Telephone Co	do	
	The Dubuque Telephone Co	do	
	Will Velley and Mount Tomologic Coopie Days	Office rent	10
	First National Bank Partland Ma	do	10
	The Formers National Bank of Taxas	do	12
	Wm. Curry's Sons	- do	2
	H. H. Taylor, agent	do	62
	H. Bolton	do	
	J. Gussenhoven	do	6
	Department of interior of Porto Rico	do	18
	The Hayden Co	do	30
	J. B. Smith	00	7
	W Pollmon	dodo	19
	F I Kesting	do	11
	United Electric Light and Power Co.	Electric light	,
	Mutual Light and Water Co.	do	
	Asheville Electric Co	do	
	O. C. G. Urban	do	1
	Rockingham County Light and Power Co	do	
	The Raleigh Electric Co.	Electric current	1
	Poor I Smith Light and Traction Co	do	
	Powehout Prog & Spindler	Drinting cumplies	
	Summers Printing Co	Printing climate and crop bulle-	] ] 8
		tins.	
	The R. L. Bryan Co	do	5
	J. F. Beck	Washing towels	
	The Towel Manufacturing Co. (Limited)	do	
	J. E. Garrett	do	
	Nasnville Laundry Co	do	
	Johnson & Johnson	Too	
	Conital Ica Co	do	
	C. N. Millhollin & Son	do	
	American Ice Co	do	
	The Union Ice Co.	do	
	Consumers Ice Co	do	
	Bausch & Lamb Optical Co	Field glasses	:
	Gether, Drebert, Perkins Co	Stereotype metal	5
	Standard Oil Co	<u>О</u> п	
	Noel Gratton	Keplacing halyards	
	J. Weitmer	Onceline and ail	1
	Addressegraph Co.	Address or anh symples	]
	Western Fuel Co	Cool and wood	8
	Barnhart Bros. & Spindler Summers Printing Co.  The R. L. Bryan Co. J. F. Beck. The Towel Manufacturing Co. (Limited) J. E. Garrett Nashville Laundry Co. Dora Moyen Johnson & Johnson Capital Ice Co. C. N. Millhollin & Son American Ice Co. The Union Ice Co. Consumers Ice Co. Bausch & Lamb Optical Co. Gether, Drebert, Perkins Co. Standard Oil Co. Noel Gratton J. Weltmer H. Brooker & Co. Addressograph Co. Western Fuel Codo. Dorsey Printing Co.	do	7
	dodododododododo.	do. Repairing typewriter. Type, ink, mucilage. Station supplies.	1 2
	04 11 6 701	The state of post in the state of the state	

Date.	Name.	Nature of payment.	Tota
1903.			
ct. 20	Valley Paper Co. J. H. McWatters. Southern Rwy. Co. Mill Valley and Mount Tamalpais Scenic Rwy S. W. Lightner. M. A. Webster. J. E. Harris, jr. Littlefield, Alvord & Co. J. G. Entwistle. Jos. Bryan. W. G. Baum. P. Brown. George Meier & Co.	Map paper.	\$60
	J. H. McWatters	Oil. Passenger transportation	10
	Southern Rwy. Co.	Passenger transportation	32
	Mill Valley and Mount Tamalpais Scenic Rwy	Cleaning office. Services.	15
	S. W. Lightner	Services	30
	M. A. Webster	do	16
	J. E. Harns, Jr.	Drayage Engraving rain chart	16 17 10
	Littleneld, Alvord & Co	Drayage	17
	J. G. Entwistle	Engraving rain chart	10
	Jos. Bryan	Office rent Repairing telegraph line Rent of team and driver	150
	W. G. Baum	Repairing telegraph line	10
	Goorge Major & Co	Gum arabia	9
	George Meier & Co. Philadelphia, substations Charleston, substations	Gum arabic Pay roll do Turpentine Carbons Rubber stamps. Paper	80
	Charleston substations	do	69 172
24	Francis Miller National Electrical Supply Co Lamb & Tilden J. C. Parker	Turnentine	29
2.1	National Electrical Supply Co	Carbone	1
	Lamb & Tilden	Rubber stemps	1
	I C Parkar	Poner	134
	do	do	78
	James B. Lambie Co. (Incorporated)	Screws	1
	James B. Lambie Co (Incorporated) United States Express Co	Screws Express charges	12
	United States Express Co Geo. F. Muth. & Codo	Paint . Benzine . Halter . Saddle cloth .	1
	do	Benzine	ç
	Lutz & Co	Halter	1 1
	do	Saddle cloth	4
	American Writing Machine Co	Platen	2
	do	do Dynamo Repairing typewriter Traveling expenses Lantern chimneys	2
	Standard Oil Co	Dynamo	2
	American Writing Machine Co	Repairing typewriter	6
	L. H. Murdoch	Traveling expenses	26
	Peter Gray & Sons	Lantern chimneys	24
	Keystone Type Foundry	Type. Repairing roof Ink and paste. Signal rockets.	5
	Wood & Thoenen	Repairing roof	12
	E. Logan	Ink and paste	6
	The Pain Manufacturing Co	Signal rockets.	18
	W. H. H. Smith.	Team hire	2
	L. M. Barnes	Repairing telegraph line	12
	H. Wollenberg, administrator	Omce rent	84
	L. M. Barnes. H. Wollenberg, administrator. Hudson River Telephone Co. Times-Journal Publishing Co. W. B. Messe & Sons	Signal rockets Team hire Repairing telegraph line. Öffice rent Telephone services Printing climate and crop reports. Office furniture Paper Electrotype plates Felt Instrument shelters Flannel, etc	16
	Times-Journal Publishing Co.  W. B. Moses & Sons.  R. P. Andrews & Co. (Incorporated).  The Maurice Joyce Engraving Co.  Keasbey & Mattison  J. E. Turton.  R. P. Clarke Co.  Forsberg & Murray.  E. Hayden.  Charleston, substations.  San Francisco, substations.	Printing climate and crop reports.	45
	W. B. Moses & Sons	Dince furniture	80 72
	The Mouries Leves Engaging Co.	Floatrotype plotes	
	The Maurice Joyce Engraving Co	Electrotype plates	24
	L E Thankson	Instrument shelters	618
	D. D. Clarke Co	Flannel, etc.	. 12
	Porshore & Murroy	Tubo elegnore	5
	F Hoydon	Drovego	1
	Charleston substations	Pay roll	30
	San Francisco substations	do	160
	The Coloredo Telephone Co	Telephone services	28
	Union Trust Company of Detroit	Trainel, etc. Tube cleaners Drayage Pay roll do Telephone services do	28 7
	Amarillo Telephone Exchange	do	7
	Colorado Telephone Co	do	13
	Charleston, substations San Francisco, substations The Colorado Telephone Co. Union Trust Company of Detroit. Amarillo Telephone Exchange Colorado Telephone Co. Bluff City Telephone Co. Electric Lighting Co. of Mobile Alpena Electric Light Co. Max Levy. Nashville Railway and Light Co. C. A. Johnson.	do	15
	Electric Lighting Co. of Mobile	Electric light.	1
	Alpena Electric Light Co	do	6
	Max Levy	Electric current.	30
	Nashville Railway and Light Co	do	15
1	C. A. Johnson N. Johnson The Schnepp & Lauer Co.	Washing towels.	3
	N. Johnson	Ice	9 32
	The Schnepp & Lauer Co.	Printing climate and crop reports.	32
	A. A. Finck	do	26
	A. A. Finck  New England Telephone and Telegraph Co  Western Union Telegraph Co	Telegraph services	9.
	Western Union Telegraph Co	Repairing telegraph line	9.
	T. A. Bayley	Printing climate and crop reports. do Telegraph services Repairing telegraph line. Running levels Cardboard	10.
	Carter. Rice & Co. (Corporation)	Cardboard	37. 40.
	T. P. Jeffords	Removing roof instruments	40.
	Western Union Telegraph Co. T. A. Bayley. Carter. Rice & Co. (Corporation) T. P. Jeffords. C. D. Page. C. D. Widman & Co. E. G. Turmer. C. J. Tual. Duluth Van and Storage Co. Minneapolis Gas Light Co. David Jones. J. H. Crane Furniture Co. P. N. Kuss Co. Robert Best.	Dravage	8.
	C. D. Widman & Co	Weather map Painting office sign	325.
	E. G. Turmer	Painting office sign	3.
	C. J. Tual	Repairing instrument shelter	.2.
	Duluth Van and Storage Co	Repairing instrument shelter Drayage	2.
	Minneapolis Gas Light Co	Gas stove	67.
	David Jones	Carpet and laying	67.
	J. H. Crane Furniture Co	Mirror	6. 7.
	D N Vana Co	Wireless telegraph simplies	7

Date.	Name.	Nature of payment.	Total.
1903.			04.70
ct. 24	Cumberland Telephone and Telegraph Co	Telegraph services	\$156. 39.
	Adolyn Gale Miley	Services	9.
	Southern Bell Telephone and Telegraph Co	Telegraph services	9. 7.
	do	do	7.
	Pacific States Telegraph and Telephone Co	do	19. 38.
	Washington County Telephone Co	do	7.
	Chesterfield Telephone and Telegraph Co	Telephone services	38. 7. 7. 15. 30.
	The Ohio River Telephone Co	Tolograph sarvisos	15.
	The French Telegraph Cable Co	do	76.
	The Tyrrell County Telephone Co	do	7.
	Cumberland Telephone and Telegraph Cododododododod	do	6.
	Moncure and Pittsboro Telegraph Co	do	7.
	Peninsular and Occidental Steamship Co	Passenger transportation	7. 12.
	Moncure and Pittsboro Telegraph Co- Winton Telegraph Co- Peninsular and Occidental Steamship Co- Maricopa and Phoenix Salt River Valley R. R. Co.	do	2.
	Iowa Telephone Co	Telephone services	30.
	Sunset Telephone and Telegraph Co	do	6.
	Wisconsin Telephone Co	do	30
	Dunn & Lemmon	Printing climate and crop reports.	36
	World Publishing Co	Dant of house and house	2
	Consolidated Gas Co	Gas for stereotyping	62
	Pacific Micro. Materials Co	Apparatus for testing water	8
	Foote, Pierson & Co	Lightning arresters	8
	Plaster & Robey	Wagon springs	5
	Alexander Baker & Co (Limited)	Ink and muchage	3 4 5
	W. H. Light	Running levels	5
	Western Union Telegraph Co	Constructing loop	180
	Frank Jermin	Station expenses	1
	C. F. Schneider	Express charges	46
	Charleston, substations	Pay roll	73
	A. Zappone	Traveling expenses	5
	Atlanta, substations	Pay roll.	202 18
	Augusta substations	do	165
	do	do	30 90
	Baltimore, substations	do	90 187
	Chattanooga, substations	do	140
	Duluth, substations	do	150
	Galveston, substations.	do	30
	Indianapolis, substations	do	183
	New Haven, substations.	do	35 48
	Cairo, substations.	do	133
	Des Moines, substations	do	237 308
	Louisville, substations.	do	294
	Montgomery, substations	do	49
	Milwaykoo gubatationa	do	153
	Memphis, substations	do	180 51
	do.	do	220
	New Orleans, substations	do	165
	Omaha substations	do	127
	Port Huron, substations.	do	127 25 225
	Winton Telegraph Co Peninsular and Occidental Steamship Co Maricopa and Phoenix Salt River Valley R. R. Co. Iowa Telephone Co. Sunset Telephone and Telegraph Co. Citizens Telephone Co. of Muskegon Wisconsin Telephone Co. Dunn & Lemmon World Publishing Co. Chapin & Simpson Consolidated Gas Co. Pacific Micro. Materials Co. Foote, Pierson & Co. Plaster & Robey S. A. D. Keister Alexander, Baker & Co. (Limited) W. H. Light Western Union Telegraph Co. Frank Jermin H. C. Howe C. F. Schneider Charleston, substations A. Zappone Atlanta, substationsdo Augusta substationsdo Baltimore, substations Chattanooga, substations Chattanooga, substations Indianapolis, substations Suluth, substations Galveston, substations Indianapolis, substations New Haven, substations New Haven, substations Cairo, substations Des Moines, substations Louisville, substations Montgomery, substations Montgomery, substations Montgomery, substations Montgomery, substations Des Moines, substations Montgomery, substations New Orleans, substations Port Huron, substations Port Huron, substations Portland, Me., sub	do	* 90
	do	do	130
	Sault Ste. Marie, substations	do	135
	Vickshurg, substations	do	61 84
	do	do	110
	Wilmington, substations	do	72
	N W Wogner	Corriege	128 21
	C. P. Disney	dodo	21 21
	P. J. Edwards	do	14
	J. W. Byram	Telephone rent	(

Date.	Name.	Nature of payment.	Total
1903.			
ct. 24	A. Zappone E. R. Miller C. L. Mills W. G. Stimpson W. L. Moore W. M. Wilson C. W. Schmid J. J. O'Donnell	Traveling expenses	\$7
	E. R. Miller	do	28 11 2 5 38 6
	V. L. Mills	do	11
	W. L. Moore	do	2
	W. M. Wilson	do	38
	C. W. Schmid	Services	6
	J. J. O'Donnell	Subsistence. Station expenses.	) G
	J. A. Balster	Station expenses	7 1
	F. H. Clarke	Drawage etc	1
	F H Brandanhurg	Bangine	3
	J. W. Bauer	Express charges, etc	4
	C. W. Schmid J. J. O'Donnell J. A. Balster F. H. Clarke. A. McC. Ashley F. H. Brandenburg. J. W. Bauer T. F. Townsend L. H. Daingerfield P. De Graw	Station expensesdo Drayage, etc. Benzine Express charges, etc Iron can Telephone holder. Station expenses and subsistence.	4
	L. H. Daingerfield	Telephone holder	2
	P. De Graw	Station expenses and subsistence.	207
	B. U. Kadel	Dubbis checo	61
	P. M. Goddings	Drayage	]
	D. Cuthbertson	Station expenses	14
	C. W. Ling	Station expenses. Post-office box rent.	1
	A. F. Sims	Express charges	2
	L. H. Damgerfield P. De Graw B. C. Kadel J. Fitzgerald R. M. Geddings D. Cuthbertson C. W. Ling A. F. Sims Crutsinger Roller Co. Crescent Iron Works	Recasting rollers	2
	J. Fitzgerald. R. M. Geddings. D. Cuthbertson C. W. Ling. A. F. Sims. Crutsinger Roller Co. Crescent Iron Works. Southern Bell Telephone and Telegraph Co. Southwestern Telegraph and Telephone Co. Central Union Telephone Co. Pacific States Telephone and Telegraph Co. do. A. Lynn e'Hijos de Perez Moris. Houghton County Electric Light Co. Needham Brothers. P. A. Willis. Sucessores de J. B. Vicini A. L. Cook. J. E. Dooly. Chamber of Commerce Building Co. M. E. Shelden. Cleary Bros. Estate of J. G. Hatch. A. B. Smith. Alpena, substations. Cleveland, substations. Fort Smith, substations. Fort Smith, substations. Lattle Rock, substations. Little Rock, substations. Little Rock, substations. Mobile, substations. Mobile, substations. Mobile, substations. More Orleans, substations. Mew Orleans, substations. Mew Orleans, substations. O. Nashville, substations. Aco. Omaha. Richmond, substations St. Louis, substations St. Louis, substations St. Louis, substations Shreveport, substations Shreveport, substations Shreveport, substations H. Hamilton. H. C. Pillichody. C. P. Searle. W. A. Crawford. J. Hyslop J. E. Cotter Norfolk and Washington D. C., Steamboat Co Peninsular and Occidental Steamship Co. Washington Southern Rwy. Co Clinkett & Coates. Union Trust Building Co. (Limited) The First National Bank of Moorhead Adam Geiger Fraternal Hall Association E. L. Renoe.	Tolophone services	49
	Southwestern Telegraph and Telephone Co	do	15
	Central Union Telephone Co.	do	28
	Pacific States Telephone and Telegraph Co	do	28 39
	do	do	_4
	A. Lynn e'Hijos de Perez Moris	Printing climate and crop reports	78
	Noodham Brothers	Washing towals	£
	P A Willis	Rent of roof and flagstaff	10
	Sucessores de J. B. Vicini	Office rent.	120
	A. L. Cook	do	90
	J. E. Dooly	do	150
	Chamber of Commerce Building Co	do	93
	M. E. Sneiden	do	93 93 130
	Estate of I G Hatch	do	64
	A. B. Smith	do	64 85 105
31	Alpena, substations	Pay roll	105
	Cleveland, substations	do	254
	Fort Smith, substations	do	254 39 60
	La Crossa substations	do	95
	Little Rock, substations	do	60
	Minneapolis, substations	do	338 147
	Mobile, substations	do	147
	do	do	72
	New Orleans substations	do	72 147
	do	do	239
	Omaha	do	218
	Richmond, substations	do	120
	St. Louis, substations	do	120
	Savannah substations	do	165
	Shreveport, substations	do	· 184
	Sioux City, substations.	do	84
	Columbus, substations	do	275
	Jacksonville, substations	do	75 369
	Pittsburg, substations	do	120
	H Hamilton	Services	1.5
	H. C. Pillichody	do	15 30
	C. P. Searle.	do	30
	W. A. Crawford	do	30
	J. Hyslop	do	30
	Norfolk and Washington D. C. Steembast Co.	Passanger transportation	15 6
	Peningular and Occidental Steamship Co.	do	19
	Washington Southern Rwv. Co	do	12
	Clinkett & Coates	Office rent	69
	Union Trust Building Co. (Limited)	do	167 66
	The First National Bank of Moorhead	do	66
	Adam Geiger	00	60 105
	DESCRIPTION AND CONTRACTOR		150

ate.	Name.	Nature of payment.	Tota
903.	D. B. Dodge. E. P. Jones Charles Baldwin Improvement Loan and Trust Codo J. R. Hunter, agent K. Wagner Marquette County Savings Bank J. W. Cronk E. C. Vose. M. E. Blystone A. G. McAdie H. C. Bate E. C. Vose. A. G. McAdie J. L. Cline		
t. 31	D. B. Dodge	Office rent	\$59
	E. P. Jones	do	28 112
	Improvement Loan and Trust Co	do	50
	do	do	137 279 78
	J. R. Hunter, agent	do	279
	K. Wagner	do	75
	Marquette County Savings Bank	do	90
	J. W. Cronk	Office expenses etc	1
	M E Blystone	do .	,
	A. G. McAdie.	Expressage.	
	H. C. Bate	Traveling expenses	18
	E. C. Vose	do	
	A. G. McAdle.	do	00
	J. L. Uline	Floatrie light	20
	Socieded Anonima Luz Electrica	do	2
	The Commercial Electric Co.	do	2
	F. G. Blaisdell.	Telephone and water	16
	Iowa Telephone Co	Telephone services	15
	Union Trust Co.	Extending telephone line	28
	Martnas vineyard Telegraph Co	Telegraph services	30
	E. C. Vose. A. G. McAdie. J. L. Cline Morgan City Improvement Co. (Limited). Sociedad Anonima Luz Electrica The Commercial Electric Co. F. G. Blaisdell. Iowa Telephone Co. Union Trust Co. Marthas Vineyard Telegraph Co. do. Southern Bell Telephone and Telegraph Co. Mutual Telephone Co. Pacific States Telephone and Telegraph Co. Union Trust Co. Independent Telephone Co. Independent Telephone Co. Independent Telephone Co. Inderendent Telephone Co. Korthwestern Telephone Exchange Co. Rising Sun Telegraph Line. Cherry County Telephone Co. Southern Bell Telephone Co. Southern Bell Telephone Co. Williston Telephone Exchange. Pacific States Telephone and Telegraph Co. Rocky Mountain Bell Telephone Co. Williston Telephone Exchange. Pacific States Telephone and Telegraph Co. Cuba Submarine Telegraph Co. (Limited) Minneapolis, St. Paul, and Sault Ste. Marie Rwy. Co. Enterorise Telegraph Co.	Telephone services	18
	Mutual Telephone Co	do	1
	Pacific States Telephone and Telegraph Co	do.	1.
	Union Trust Co	do	
	Independent Telephone Co	do	0.1
	Direct West India Cable Co. (Limited)	Telegraph services	210
	Northwestern Telephone Evolunge Co	Telephone corvince	210
	Rising Sun Telegraph Line	Telegraph services	
	Cherry County Telephone Co.	Telephone services	
	Southern Bell Telephone and Telegraph Co	do	2
	Rocky Mountain Bell Telephone Co	do	1.
	Williston Telephone Exchange	do	
	Cube Submerine Telephone and Telegraph Co	Moving telephone	14
	Minneapolis, St. Paul, and Sault Ste Marie	do	17
	Rwy. Co. Enterprise Telegraph Co. W. S. Brockman E. Edwards		
	Enterprise Telegraph Co	do	1
	W. S. Brockman	Services	]
	E. Edwards	do	30
	W. S. Mitabell	do	30
	E. Edwards L. C. Collins W. S. Mitchell C. C. Gay F. M. McKeough E. W. Peake St. Louis Toilet Supply Co C. H. Whedon Galveston Gas Co J. J. Walsh & Son	Services	4
	F. M. McKeough	do	3
	E. W. Peake	do	4
	St. Louis Toilet Supply Co	Towel supply	4
	C. H. Whedon	Services	
	T T Walsh & Con	Complete	14
	L. C. Collins W. S. Mitchell C. C. Gay F. M. McKeough E. W. Peake St. Louis Toilet Supply Co C. H. Whedon Galveston Gas Co J. J. Walsh & Son F. Smith R. D. Harvey R. S. Albright & Co E. M. Bush Hardware Co Amarillo Water, Light, and Power Co L. F. Willoughby J. P. Geary Gamble & Ludwig R. N. Covert Buxton & Skinner Stationery Co W. H. Jenks Albertson Stationery and Book Co H. J. Green F. Freeman The Fair	do	19
	R. D. Harvey	do.	10
	R. S. Albright & Co	do	17
	E. M. Bush Hardware Co.	Tools	1
	Amarillo Water, Light, and Power Co	water and electric light	13
	T P Geory	Drawage	18
	Gamble & Ludwig	Gasoline, etc.	16
	R. N. Covert	Services	
	Buxton & Skinner Stationery Co	Ink	2
	W. H. Jenks	Services	(
	Albertson Stationery and Book Co	Ink	10
	F Framen	Services	400
	The Fair	Clamps	1
	L. K. Clark	Services.	]
-	Albertson Stationery and Book Co. H. J. Green F. Freeman The Fair L. K. Clark The Bennett Printing House H. B. Hartman H. P. Flow	do	60
	H. B. Hartman	do	5
	H. R. Eley	do	2
	S H Ouint's Sons	Rubber stamp	20 1 2
	H. R. Eley. A. M. D. Holloway. S. H. Quint's Sons D. Daly.	Services	9
	L. H. Jones & Co. E. Determann T. J. Tillett L. Graton	do	2
	E. Determann.	Frame and glass	4
	T. J. Tillett	Services	12

Date.	Name.	Nature of payment.	Total
1903.			
ct. 31	Enterprise Ice Co	Ice	\$3
	I. Gevurtz & Sons Statesman Printing Co F. A. Harris	Furniture	68
	Statesman Printing Co	Printing	99
	F A Harris	Printing	2
	F. A. Harris. L. S. Woodhouse. The General Cartage and Storage Co- Inland Type Foundry. W. and J. Sloane & Co. Salt Lake Transfer Co. American Linen Supply Co. Salt Lake Ice Co. Postal Telegraph Cable Co. of Texas. Postal Telegraph Cable Co. do. do. do. do. The Great Northwestern Telegraph Co. of Canada.	do	8
	The Conorel Contage and Stone of Co	do	0
	Inle deficial Cartage and Storage Co	Programile	5 4
	W and T Classes Co	Drass rule	10
	W. and J. Sloane & Co	Carpet	19
	Sait Lake Transier Co	Drayage	1
	American Linen Supply Co	Tower suppry	3
	Salt Lake Ice Co	1ce	9
	Postal Telegraph Cable Co. of Texas	Telegraph services	113
	Postal Telegraph Cable Co	do	39 12
	do	do	12
	do	do	39
	do	do	
	do	do	242 707
	do	do	707
	The Great Northwestern Telegraph Co. of	do	156
	Canada		100
	American Writing Machine Co	Typowriter	72
	Maurice Toyee Engraving Co	Photo-ongraving	19
	Lamb & Tilden	Typewriter Photo-engraving Rubber stamps	19
	M. C. Conoland	Poppent	1 5
	D. Conton Pollontyma	Willow booksts	£
	R. Carter Ballantyne	w mow baskets	9
	The Great Northwestern Telegraph Co. of Canada.  American Writing Machine Co. Maurice Joyce Engraving Co. Lamb & Tilden.  M. G. Copeland R. Carter Ballantyne. Rudolph, West & Co. J. C. Parker. dodo.	Rubber stamps Pennant Willow baskets Repairing ceiling Pins Book paper do Stationery supplies Absorbent paper Window shades Wardrobe	21
	J. C. Parker	Pms	81
	do	Book paper	81
	do	do	1.050
	do	Stationery supplies	1,012
	do	Absorbent paper	1,012
	do. do. W. B. Moses & Sons.	Window shades	14
	do	Wardrobe	9
	Woodward & Lothrop	Dusters, towels, etc	345
	do. Woodward & Lothrop. Thos. Somerville & Sons.	Steam fittings	5
		Sheet packing	
	S. J. Venable	Man frames	320
	S. J. Venable B. F. Larcombe et al Delano & Moore	wardrobe Dusters, towels, etc Steam fittings Sheet packing Map frames Pay roll, printing office Photographic material Horse	2,485
ov. 5	Dolono & Moore	Photographic meterial	19
01. 0	J. R. Cochran Philip Lindemeyer Galveston, substations	Horse	185
	Philip I indomester	Horse Cardboard Pay roll	18
	Colvector substations	Part roll	478
	Chicago anhatations	ray ron	585
	Chicago, substations. Knoxville, substations Galveston, substations	do	110
	Colvector substations	do	110 16
	M Markit	C	10
	M. Nesolt	Services	18
	R. S. Cuicertson	do	21
	P. W 00d	Plowing and seeding	3
	J. R. Williams	Ice and office supplies	18
	B. C. Kadel	Station expenses	56
	J. Warren Smith	Traveling expenses	17
	J. B. Marbury	do	71
	Century Electric Co	Battery cells	234
	Walter Washam	Painting river gauge	3
	J. R. Eastwood	Repairing telephone	5
	Galveston, substations M. Nesbit R. S. Culbertson P. Wood J. R. Williams B. C. Kadel J. Warren Smith J. B. Marbury Century Electric Co Walter Washam J. R. Eastwood J. W. Hession Tarbett, Themister Co C. J. Cain J. W. Cole	do Plowing and seeding lee and office supplies Station expenses. Traveling expenses. do Battery cells. Painting river gauge Repairing telephone Painting roof. Part for printing press Hauling Services do Recasting rollers Rent Field glasses	25
	Tarbett, Themister Co	Part for printing press	- 4
	C. J. Cain	Hauling	40
	T. W. Cole	Services	4
	C P Nuttor	do	
	F I Finel	Recepting rollers	2
	C W O'Dwien	Don't	18
	Warman Carrage Co	Dield elegen	10
	werner swasey co	r leid glasses	90
	G. E. French & Co	Suver sand	12
	Unrist Kanzier & Son	Steps and rall	
	United States Envelope Co	Envelopes	36
	Rocky Mountain Bell Telephone Co	Telephone services	46 34
	do	do	34
	Southern Bell Telephone and Telegraph Co	do	7
	John Clarke	do	98
	Dakota Central Telephone Lines (Incorpo-	do	98
	J. W. Cole C. P. Nutter F. J. Finck G. W. O'Brien Werner Swasey Co. G. E. French & Co. Christ Kanzler & Son United States Envelope Co. Rocky Mountain Bell Telephone Co. OSouthern Bell Telephone and Telegraph Co. John Clarke Dakota Central Telephone Lines (Incorporated).		
	Iowa Telephone CoDelaware and Atlantic Telegraph and Tele-	do	7
	Delaware and Atlantic Telegraph and Tele-	do	12
	Cumberland Telephone and Telegraph Co	do	7
	Cumberland Telephone and Telegraph Co New England Telephone and Telegraph Co Pacific States Telephone and Telegraph Co Jacksonville and St. Johns Bar Telegraph	Tolograph sorvices	
	Pacific Ctates Welshhore and Telegraph Co.	relegiaph services	9
	1 acme states relephone and Telegraph Co	uo	9
	To also assertly and C4 Talon Day Williams		

Date.	Name.	Nature of payment.	Total
1903.			
ov. 5	The Cuba Submarine Telegraph Co. (Limited)	Telegraph services	\$14
7	Recting Submarine Feregraph Co. (Eminted) Boston, substations C. Sevilla A. P. Curtin H. J. Ledoux R. Tyler	Pay roll. Services.	753
	C. Sevilla	Services	5
	A. P. Curtin.	do	7
	H. J. Ledoux	Printing	10
	H. Tyler Honeyman Hardware Co. B. J. Lund & Co. J. L. Tucker Bartlett Bros. J. R. Hobbs	Printing Block and tackle Coal	10
	B. J. Lund & Co	Coal	4 101
	J. L. Tucker	Services	5
	Bartlett Bros	do	8
	J. R. Hobbs	do	9
	H. A. Poole	do	2
	L. M. Barnes	do	10
	W. W. Best	do	10
	Albany Hardware and Iron Co	Hardware	0
	Valley Paper Co	Letter neper	4 165
	Plaster & Robey	Fuse	5
	American Type Founders Co	Type	43
	do	do	10
	Inland Type Foundry	Stereotype block	4
	H. J. Green	Repairs to instruments	62
	do	Instruments	400
	J. R. Hobbs H. A. Poole L. M. Barnes W. W. Best L. F. Willoughby Albany Hardware and Iron Co Valley Paper Co Plaster & Robey American Type Founders Co do Inland Type Foundry H. J. Green do Queen & Co. (Incorporated) P. Gray & Sons H. Cavanaugh	do	577 375
	H. Cayanaugh	Carrioss	375
	H. Cavanaugh J. C. Cottingham & Sons Megeath Stationery Co Florida Electric Co	Services Halyards, etc Stationery supplies Wiring lanterns Traveling expenses do do Office expenses do Subsistence Office expenses	5
	Megeath Stationery Co	Stationery supplies	5
	Florida Electric Co	Wiring lanterns	20
	Florida Electric Co H. B. Hersey A. Zappone J. Brown E. A. Beals W. T. Lathrop do G. C. Thompson J. J. Gray M. G. Roves M. M. Latta Norwich University New Orleans and Carrolton R. R. Light and Power Co.	Traveling expenses.	43
	A. Zappone	do	3
	J. Brown	do	3
	E. A. Beals	Office expenses	13
	W. T. Lathrop	do	2
	do	Subsistence	30
	I I Crow	Moole and lodging	10
	M G Roves	Office expenses Meals and lodging Rent	18 45 40
	M M Latta	do	25
	Norwich University.	dodoElectric lightdo	21
	New Orleans and Carrolton R. R. Light and	do	5
	Power Co.		
	Board of Public Service Light Department	do	4
	New Orleans Lighting Co., lessee	Gas light	16
	The Citizens Gas and Electric Co	do Gas light Electric light do Telephone services Pay roll do Horse bire	3
	New London Gas and Electric Co	Tolophone corriece	12
10	Charleston substations	Pay roll	24
10	Vicksburg, substations	do	37
	O. W. Bye.	Horse hire.	16
	E. B. Richards	Traveling expenses	16
	Power Co. Board of Public Service Light Department. New Orleans Lighting Co., lessee. The Citizens Gas and Electric Co. New London Gas and Electric Co. Cumberland Telephone and Telegraph Co. Charleston, substations. Vicksburg, substations. O. W. Bye. E. B. Richards. H. E. Hobbs. D. A. Seeley.	Station expenses	7
	D. A. Seeley.	Express charges	1
	A. Jacobus	Fainting instrument shelter	9
	Galveston Floatric Co	Flootrie light	3
	Consolidated Gas Co. of New Jorgan	do	6
	The Seattle Electric Co	do	2
	Northern California Power Co	do	1
	P. H. Cheney & Sons.	do	36 30
	E. H. Bowie	Board and lodging	36
	H. E. Hobbs	Subsistence	30
	C. H. Richardson	Subsistence and station supplies	37
	T. Buirngton	Repairing instrument shelter	1 27
	United States Envelors C	Envolones	27
	F D Dor & Co	Marine alegge	51 16
	E A Brown	Renairing clock	1
	L. C. Specht	Repairing typewriter	8
	The Smith-Premier Typewriter Co	do.	16
	Arkansas Typewriter Exchange.	do.	6
	D. B. Spellman Co	Repairing droplight	1
	H. G. Turley	Iron pipe	18
	J. A. Roeblings Sons Co.	Rope	1
	The H. & W. B. Drew Co.	Printing	63
	Charleston, substations Vicksburg, substations O. W. Bye E. B. Richards H. E. Hobbs D. A. Seeley A. Jacobus G. Elliott Galveston Electric Co Consolidated Gas Co. of New Jersey The Seattle Electric Co. Northern California Power Co P. H. Cheney & Sons E. H. Bowie H. E. Hobbs C. H. Richardson T. Buffington Fertig & Kevers. United States Envelope Co F. D. Day & Co E. A. Brown L. C. Specht The Smith-Premier Typewriter Co. Arkansas Typewriter Exchange D. B. Spellman Co H. G. Turley J. A. Roely J. A. Roely J. A. Roely Smith & Van Orden Northwestern Telephone Exchange Northwestern Telephone and Telephone Co. Cumberland Telephone and Telegraph Co. Union Trust Co., Detroit	Tolombono comvice	45
	The Cheseneeke and Peternee Televiere	Telephone services	10
	Cumberland Telephone and Telephone Co.	do	10
	Cumberrand relephone and relegiable Co		9

WEATHER	BUREAU.	GENERAL	EXPENSES-Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
ov. 10	Chicago, Burlington and Quincy Rwy. Co Chicago, St. Paul, Minneapolis and Omaha Rwy. Co.	Passenger transportationdo	\$55.95 26.00
	Nashville, Chattanooga and St. Louis Rwy New York, New Haven and Hartford R. R.	do	25.00 14.73
	CO.	a.	1.50
	odo. E. H. Bowie. O. L. Blue. U. G. Purssell Charleston, substations Galveston, substations. New York, substations W. H. Rollinson E. E. Day	Traveling expenses	12.00 10.75
	O. L. Blue	Towel supply	.50
	Charleston, substations	Pay roll	35.00
	Galveston, substations	do	230. 98 35. 00
	W. H. Rollinson	Brooms	1.80
	W. H. Kollinson E. E. Day The Pacific Transfer Co Mobile, substations. W. M. Wilson C. H. Eshelman H. B. Boyer F. P. Chaffee	Expressage do Pay roll Traveling expenses	43.20
14	Mobile, substations.	Pay roll.	49.60
	C. H. Eshelman	do	30.7 4.4
	H. B. Boyer	do Drayage Expressage Passenger transportation	. 80 2. 99
	Oregon Railroad and Navigation Co	Passenger transportation	83.90
	H. B. Boyer F. P. Chaffee Oregon Railroad and Navigation Co. The Pennsylvania R. R. Co. New Bedford, Marthas Vineyard and Nantucket Steamboat Co. Stewart & Barton	do	60.18 3.28
	Stewart & Barton	Painting Flagstaff Telephone services	20.00 95.00
	D. Baird Union Trust Co., Detroit. J. H. Richmond. A. Deitz.	Telephone services	12.00
	A. Deitz.	Painting Printing	3.0 9.0
	A. B. Pitman J. L. Walker	Printing Repairing telegraph line Repairing cart Painting river gauge Printing Ite do	$\frac{1.2}{15.0}$
	F. Andres	Painting river gauge	55.5 45.5
	Acme Publishing Co	Printing	45.50 9.20
	Consumers Ice Co.	do	6.09
	G. A. von Blucher	do	$\frac{2.64}{1.58}$
	H. G. Machenheimer	do	30.00 23.75
	F. Andres Acme Publishing Co. The Union Ice Co. Consumers Ice Co. Crystal Ice Co. G. A. von Blucher H. G. Machenheimer G. W. Anderson & Sons. Barnhart Bros. & Spindler R. D. Bayne C. F. Barnes E. Drinkwater	Type	14.30
	R. D. Bayne C. F. Barnes	Type. Servicesdo	7.00 2.50
	E. Drinkwater	do	2.50 80.60
	Galveston, substations	do	161.20
	Ina N. Wade	Services	26.6° 3.3°
	C. F. Barnes. E. Drinkwater New Orleans, substations. Galveston, substations Ina N. Wade F. H. Wade Little Rock, substations Oklahoma, substations Savannah, substations E. P. Chaffoe	dododododo	309.60
	Savannah, substations	do	235.40 67.20
	F. P. Chaffee	Traveling expenses Cartage and brooms Station expenses	4.28
	W. M. Fulton.	Station expenses	1.78 10.80
	Savaman, substations F. P. Chaffee A. G. Burns. W. M. Fulton. J. J. O'Donnell. A. A. Kimball. W. M. Venger.	Board and lodging Services	31.0 10.0
	M. Kaneen Coston Signal Co. (Incorporated)	do	3.00
	Heybach-Bush Co. (Incorporated)	Services do Signal holders Stereotype metal Conduit, etc Services do Cleaning carnet	4.00 7.00
	The Potomac Terra Cotta Co	Conduit, etc	44.80 3.00
	Heybach-Bush Co The Potomac Terra Cotta Co R. G. Thomas W. H. Light	do	7.50
	(Limited).	Cleaning carpet	10.00
	The Remington Typewriter Co T. B. Satterwhite & Co	Repairing typewriter	12.79
	The Huron Village Electric Light Co	Electric light	5.30 10.45
16 18	The Huron Village Electric Light Co Willis L. Moore. Morris European and American Express Co. (Limited).	Ice Electric light Traveling expenses Freight charges	526.10 7.25
	Rôme, Watertown and Ogdensburg R. R New York Central and Hudson River R. R.	do	1.20
	CO. Pennsylvania Co. Pennsylvania R. R. Co. do Star Union Line. do Burlington Route, Missouri Lines.	do	. 45 18. 02
	Pennsylvania R. R. Codo	do	1.11
	Star Union Line.	do	1.25
	Purlington Pouto Missouri Lines	do	. 54

Date.	Name.	Nature of payment.	Total
903.			
v. 18	Wabash R. R. Codo. Denver and Rio Grande R. R. Co. New Bedford, Marthas Vineyard and Nan-	Freight charges	\$0.
	Denver and Pio Granda P. P. Co	do	1.
	New Bedford, Marthas Vineyard and Nan-	do	2.
	tucket Steamboat Co.		
	Virginia and Truckee R. R. Co	do	44
	Union Pacine R. R. Co	do	10
	New Bedford, Martias Vineyard and Nantucket Steamboat Co. Virginia and Truckee R. R. Co. Union Pacific R. R. Co. Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.	do	2.
	do	do	2.
	Southern Rwy. Co	do	3.
	do	do	1.
	do	do	4
	Atchison, Topeka and Santa Fe Rwy. Co	do	10
	C. H. Mallory & Co	do	1
	Lehigh Valley R. R. Co	d0	
	do	do	
	American Express Co.	do	9
	Norfolk and Western Pwy Co	0b	3
	Erie and Western Transportation Co	do	1
	O'Callahan, Nelson & Co	do	1
	Norfolk and Southern R. R. Co.	do	
	Rwy. Co.  .dododododododo.		1
	Atlantic Coast Line R R Co	do	25 2
	Rwy. Co. Steamer Alexander Volta Atlantic Coast Line R. R. Co. Richmond, Fredericksburg and Potomac	do	2
	R. R. Co.	- ·	
	W. K. Motton	Drayage	1
	W. T. Blythe	do	6
	B. A. Blundon	Traveling expenses	34
	R. R. Co. W. R. Motton St. Louis Transfer Co W. T. Blythe B. A. Blundon A. Zappone G. J. Heck T. S. Outram L. C. Cover W. C. Devereaux The Wm. E. French Co. Sneed & Rich Frank Bell American Iee Co. R. G. Sleater	do	3
	T S Outrom	Droyogo	3
	L. C. Cover	dodo	2
	W. C. Devereaux	Subsistence	35 2
	The Wm. E. French Co.	Repairing carpet	2
	Frank Bell	Renairing furniture	8 3
	American Ice Co	lce	
	R. G. Sleater	Printing climate and crop reports.	48
	M. A. Butler	Printing clime to and crop reports	13
	R. W. Basnett	Wood and coal	80
	Montgomery, substations	Pay roll	55
19	F. Jermin	Traveling expenses	15 50
	J. J. Grav	. do	4
	G. B. Wurtz	do	4 2
	W. T. Blythe	do	14
	American Ice Co. R. G. Sleater M. A. Butler A. A. Finck R. W. Basnett Montgomery, substations F. Jermin J. W. Smith J. J. Gray G. B. Wurtz W. T. Blythe L. M. Tarr do	do	2 34
	do	Drayage and repairing instru-	22
	O. L. Fassigdo	Traveling expenses	38
	R I Hvatt	Station expenses	4
	R. J. Hyatt. M. B. Stubbs. M. W. Hayes. H. E. Hobbs. C. H. Richardson. Wilmington, substations. Atlanta, substations. Memphis, substations. Louisville, substations. Louisville, substations. Wm. Ballantyne & Sons. J. C. Parker.	Station expenses  do Subsistence Station expenses Subsistence	31
	M. W. Hayes	Station expenses	4 31
	H. E. Hobbs	Subsistence	31
	Wilmington, substations	Pay roll	30. 43
	Atlanta, substations.	do	43. 67. 74
	Memphis, substations	do	74
	Atlanta substations	do	64.
	Wm. Ballantyne & Sons	Hann's Climatology	61 236
	J. C. Parker.	Envelopes.	79
	do	Paper	79. 62. 336.
	Wm. Ballantyne & Sons. J. C. Parker do do Lamb & Tilden do do Lutz & Co	do	336.
	do Tilden	Stamps	1.
	do.	do	2.
	do	do	1

ate.	Name.	Nature of payment.	Tota
903.			
v. 19	Lutz & Codo  do United States Express CoGeo. F. Muth & Co. L. S. Depue James B. Lambie Co. (Incorporated) do do do R. P. Andrews & Co. (Incorporated) do Gudolph, West & Co do Flint & Walling Manufacturing Codo The Smith Premier Typewriter Co W. B. Moses & Sons. Woodward & Lothrop R. Carter Ballantyne Frederick Carl Edward Mullin	Harness	\$192 • 15
	do	Harness Horse blankets	• 18
	United States Express Co	Express charges	37
	Geo. F. Muth & Co	Express charges Concentrated lye. Hay, straw, oats, and corn. Brass rod, etc. Cotton waste. Hinges. Paper.	21
	Lamas B. Lambia Co. (Incorporated)	Brass rod ote	30 38
	do	Cotton weste	54
	do	Hinges	94
	R. P. Andrews & Co. (Incorporated)	Paper	233
	do	Oil	22 84
	Rudolph, West & Co	Halyards	84
	do	Spigots	
	Flint & Walling Manufacturing Co	Paper Oil Halyards Spigots Steel flagstaff do Repairing typewriter Chairs Desk and chairs Tissue paper Map-making symbols White rags	5
	Mbs Conith Desmise Description Co	Doministra tom consist on	2'
	W. P. Massa & Sons	Repairing typewriter	25
	Woodward & Lothron	Doels and chairs	25
	R Cartar Rallantyna	Tissua nanar	25 68 28
	Frederick Carl	Man-making symbols	2
	Edward Mullin	White rags	14
	Wm. H. Dver.	Sawdust	
	S. J. Venable	Stencil	
	Wm. Nordhoff	Parts of barograph	
	National Electrical Supply Co	Rubber tube	
	A. Eberly's Sons	Stove, etc	3
	National Printer's Supply Co	Benzine cans	
	Z. D. Guman	Bottles	0
	E. E. HOWell	Rener map	3
	Clarbourno Burnor Co	Panairing gas nina	
	Ramington Typewriter Co	Renairing typewriter	1
	I C Entwistle	Engraving rain chart	1
	Remington Typewriter Co	Repairing typewriter	_
	Pacific States Telephone and Telegraph Co	Telegraph services	
	Elizabeth City and Norfolk Telegraph Co	do	
	Alabama, Mississippi, and Tennessee Tele-	do	
	phone Co.	( )	
	R. Carter Ballantyne Frederick Carl Edward Mullin Wm. H. Dyer S. J. Venable. Wm. Nordhoff National Electrical Supply Co. A. Eberly's Sons. National Printer's Supply Co. Z. D. Gilman E. E. Howell Littlefield, Alvord & Co. Claybourne Burner Co. Remington Typewriter Co. J. C. Entwistle. Remington Typewriter Co. Pacific States Telephone and Telegraph Co. Alabama, Mississippi, and Tennessee Telephone Co. Home Telephone Co.	do	1
	Cumberland Telephone and Telegraph Co	do	11
	Elizabeth City and Norfolk Telegraph Co	do	,
	East Tennessee Telephone Co	Telephone services	1
	phone Co.  Home Telephone Co.  Cumberland Telephone and Telegraph Co.  Elizabeth City and Norfolk Telegraph Co.  East Tennessee Telephone Co.  do.  Norfolk and Western Rwy. Co.  Cleveland, Cincinnati, Chicago, and St. Louis	Passanger transportation	
	Cleveland Cincinnati Chicago and St. Louis	do	
	Rwy. Co.		
	Southern Rwy. Co	do	2
	Vicksburg Herald	Printing climate and crop reports.	2
	F. S. Ewing	Ice	1
	D. J. Snow	Wood	1
•	Ray Stephens	Surveying	
	Fee & Stewart Co	Station supplies	1
	Williams & Barnett	Dhatamanh af hailding	
	U. RODD	Photograph of building	
	Willis I. Moore	Traveling expenses	
	M. J. Driscoll	dodo	
	R. M. Hardinge	do	1
	C, E. Johnson	Ferriage	1
	J. B. Marbury.	Drayage, etc	
	F. W. Fischer	Traveling expenses	
	G. N. Salisbury	do	1
	W. R. Pratt	do	1
	C. H. Richardson	Station expenses	1
	J. Kenealy	do	
	C. B. WUTIZ	Pow poll	
	H R Harray	Traveling expenses	
	I Warren Smith	do	1
	A. H. Thiessen	do	5.
	do	do	5.
	do	do	2
	Cleveland, Cincinnati, Chicago, and St. Louis Rwy. Co. Southern Rwy. Co. Vicksburg Herald F. S. Ewing. D. J. Snow Ray Stephens Fee & Stewart Co. Williams & Barnett C. Robb. P. D. Clack Willis L. Moore M. J. Driscoll R. M. Hardinge C. E. Johnson J. B. Marbury F. W. Fischer G. N. Salisbury W. R. Pratt C. H. Richardson J. Kenealy G. B. Wurtz Boston, substations H. B. Hersey J. Warren Smith A. H. Thiessen do .	Drayage, etc	
	W. L. Day	Station expenses	10
	L. H. Murdoch	Drayage	1:
	J. P. Slaughter	Repairing clock, etc	
	W. S. Belden	Station expenses	
	C. H. Richardson	Subsistence and station expenses.	4
	O. W. Roberts	Station expenses	13
	H: 1: V/000	Trevaling avnenges	1.7

ate.	Name.	Nature of payment.	Tota
903.	M. A. Robinson. W. B. Moses & Sonsdododo. J. C. Parkerdo. J. W. Jordan D. F. Parker J. B. Lambie Co. (Incorporated) C. A. Schneider's Sons. Delano & Moore. R. P. Andrews & Co (Incorporated)do. The J. C. Ergood Co R. C. Ballantyne Fritz Andres N. H. Lovin Campbell Printing Press Manufacturing Co G. Fostberg H. H. Kyle Union Envelope Co. Chicago Edison Co Geo. W. Millar & Co American Type Founders Co E. Bryant Phillips, Smith & Van Orden (Incorporated) C. L. Heath W. H. Ranney D. B. Bancroft The Atlantic Electric Light and Power Co. Grand Rapids and Indiana Rwy. Co Union Pacific R. R. Co Northern Pacific Rwy. Co. The Missouri, Kansas and Texas Rwy. Co Capital Telegraph and Telephone Co Northwestern Telephone Exchange. Truckee Telephone and Telegraph Co. Central Distributing and Printing Telegraph Co. Cuba Submarine Telegraph Co. (Limited)		
7. 19	M. A. Robinson	Subsistence	\$4
24	W. B. Moses & Sons	Rugs	9
	do	Desk	1
	J. C. Parker	. Cardboard	20 74
	T 337 Td	Descriptions	74
	D. F. Porker	Typowriter ribbons	1
	I B Lembia Co (Incorporated)	Rlocks	5
	C. A. Schneider's Sons	Castings	
	Delano & Moore	Developer	
	R. P. Andrews & Co. (Incorporated)	Cards	55
	do	Packing cards	55 4
	The J. C. Ergood Co	Soap	5
	R. C. Ballantyne	Pens	1
	Fritz Andres	Instrument shelter	
	N. H. Lovin	Repairing windows, etc	1
	Campbell Printing Press Manufacturing Co	Ratchet lever	
	U. FOSLDERG	Constructing myor gauge	2
	Union Envelope Co	Envelopes	1
	Chicago Edison Co	Repairing motor	3 1
	Geo. W. Millar & Co.	Cardboard	24
	American Type Founders Co	Type	24 1
	E. Bryant.	Services.	1
	Phillips, Smith & Van Orden (Incorporated)	Fixing type	1
	C. L. Heath	Stovepipe	
	W. H. Ranney	Recasting rollers	
	D. B. Bancroit.	Repairing triple register	,
	Crond Ponids and Indiana Power Co	Pagganger transportation	4
	Union Pacific R R Co	do	7
	Northern Pacific Rwy Co	do	3
	The Missouri, Kansas and Texas Rwy Co	do	2
	Capital Telegraph and Telephone Co	Telephone services	2
	Northwestern Telephone Exchange	do	
	Truckee Telephone and Telegraph Co	do	1 1
	Central Distributing and Printing Telegraph	Telegraph services	1
	Co.		_
	Cuba Submarine Telegraph Co. (Limited)	00	1
	Picing Sun Tolograph Line	do	
	Cube Submerine Telegraph Co. (Limited)	do	1
	New Orleans, substations	Pay roll	5
	F. J. Walz.	Traveling expenses	6
	E. A. Beals	do	6
	R. G. Allen	do	1
	Littlefield, Alvord & Co	Drayage	3
	Southern Rwy. Co.	Freight charges	3
	Missouri, Kansas and Texas Rwy. Co	do	
	Noriolk and Washington Steamboat Co		
	Lake Shore and Michigan Southern Dryy Co.	do	
	O'Colleghon Nolson & Co	do	
	Lake Erie and Western R. R. Co	do	
	Erie and Western Transportation Co.	do	
	New Orleans and Northeastern R. R. Co	do.	
	Norfolk and Southern R. R. Co	do	
	San Pedro, Los Angeles and Salt Lake R. R.	do	
	Co. Cuba Submarine Telegraph Co. (Limited) Corvallis and Eastern R. R. Co. Rising Sun Telegraph Line. Cuba Submarine Telegraph Co. (Limited) New Orleans, substations F. J. Walz. E. A. Beals. R. G. Allen. Littlefield, Alvord & Co. Southern Rwy. Co. Missouri, Kansas and Texas Rwy. Co. Norfolk and Washington Steamboat Co. Grand Rapids and Indiana Rwy. Co. Lake Shore and Michigan Southern Rwy. Co O'Callaghan, Nelson & Co. Lake Erie and Western R. R. Co. Erie and Western Transportation Co. Now Orleans and Northeastern R. R. Co. San Pedro, Los Angeles and Salt Lake R. R. Co. William J. Crawford	D	
	William J. Crawford	Drayage	
	I. C. Dongo	Tay com atroy and cat-	0
	Central Vermont Rwy Co	Passanger transportation	0
	Co.  St. Louis Transportation Co. L. S. Depue Central Vermont Rwy. Co. Eastern Steamship Co. New York Central and Hudson River R. R. Co.	do	6
	New York Central and Hudson River R. R.	do	
	Co.		
	Central of Georgia Rwy. Co	do	
	Pacific States Telephone and Telegraph Co	Telegraph services	1
	Chicago Telephone Co.	Telephone services	
	Home Telephone Co.	do	1
	Co. Central of Georgia Rwy. Co. Pacific States Telephone and Telegraph Co. Chicago Telephone Co. Home Telephone Co. Sioux City, substations John Jordt. Meteorological Council Chapin & Simpson R. W. Lesher California Truck Co. A. J. Davis E. C. Vose J. Brown	Pay roll	2
	Meteorological Council	Compiling tolograms	7
Į.	Chapin & Simpson	Horse hire	1 2 1
	R. W. Lesher	Watt meter	11
	California Truck Co *	Dravage	10
	A T Davis	TO	
	A. J. Davis	Photograph, dravage, etc.	

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
ov. 30	Rocky Mountain Bell Telephone Co. North Montana Telephone Co. L. E. Vorce. E. W. McGann G. E. Franklin W. T. Lathrop Yates & Co.	Telegraph services	\$7.
	North Montana Telephone Co	Services	21. 10.
	L. E. Vorce.	Services	10.
	G E Franklin	Traveling expenses Station expenses Subsistence Oil, etc	13. 9. 31. 6.
	W T Lathron	Subsistence	31
	Yates & Co.	Oil, etc.	6.
	Yates & CododoNew York Telephone Co. G. M. Heiss & Sons. Kansas Farmer Co. Wild and Stevens. Hoke Engraving Plate Co. Wm. Curry's Sons. C. C. Lind. Standard Electric Co. Arnold & Weatherbee The Lorain Electrical Construction Co.	Oil	18.
	New York Telephone Co	Oil Telephone services	13.
	G. M. Heiss & Sons	Chart frames	9.
	Kansas Farmer Co	Printing climate and crop reports. Printing supplies. Clamps.	40.
	Wild and Stevens	Clemps	3.
	Wm Curry's Sons	Tools	1. 23.
	C. C. Lind	Bookcase and shelving	38.
	Standard Electric Co	Tools .  Bookcase and shelving .  Tool bag and belt .	4.
	Arnold & Weatherbee	Repairs to storm-warning tower. Repairs to storm-warning tower	4. 18.
	The Lorain Electrical Construction Co	Repairs to storm-warning tower	42.
	TT 1 T	apparatus.	
	Hugh Brewer	Repairing instrument shelter Renovating office rooms	10. 10.
	C. L. Heath	Renairin grain gauge	2
	J. Jordt	Repairing furniture	4
	Hugh Brewer H. Wollenberg C. L. Heath J. Jordt M. N. Hunt J. P. Nawrath The J. M. Klein Electrical Works A. M. Blythe A. M. Adie D. A. McClelland Patterson Transfer Co Frank Smith H. A. Poole Pett Peterson Chas. Smith	Repairin grain gauge Repairing furniture Storm windows Twine	2
	J. P. Nawrath	Twine	60
	The J. M. Klein Electrical Works	Copper wire. Erecting tower. Horse hire.	2
	A. M. Blythe	Erecting tower	98
	A. M. Adle	Horse hire	15
	Pottorson Transfor Co	Shelving	15
	Frank Smith	Drayage Horse hiredo	1
	H. A. Poole	do	1 1 2
	Pett Peterson.	do	
	Chas. Smith	Repairing telegraph line	6
	George Beesley	do. Repairing telegraph linedo Freight charges.	$\frac{4}{13}$
	Louisville and Nashville R. R. Co	Freight charges	13
	Chas. Smith George Beesley Louisville and Nashville R. R. Co Chicago and Northwestern Rwy. Co. Cleveland, Cincinnati, Chicago and St. Louis	do	
	Rwy Co		
	Rwy. Co. New York, New Haven and Hartford R R.	do	
	Co.	do	
	The Hickory Valley Rwy. Co. Atlantic Coast Line R. R. Co.	do	3
	W. R. Morton	Dravage	
	Atlantic Coast Line R. R. Co. W. R. Morton. St. Louis Transfer Co. W. S. Palmer. Geo. F. Muth & Co. Augusta, substations. M. B. Stubbs A. Zappone. J. H. Robinson. Lamb & Tilder.	do do Drayage do Traveling expenses Lamps Pay roll Ice Traveling expenses Odo Rubber stamps Cards	1
	W. S. Palmer	Traveling expenses	19
	Geo. F. Muth & Co	Lamps	58
	Augusta, substations	Pay roll	55
	M. B. Stubbs	Ice	3 3 7
	A. Zappone.	Traveling expenses	7
	Lamb & Tilden	Rubber stamps	5
	R. P. Andrews & Co. (Incorporated)	Cards Sectional bookcase	5 46
	Yawman & Erbe Manufacturing Co	Sectional bookcase	50
	Rudolph, West & Co	Wastebaskets	16
	J. H. Robinson Lamb & Tilden. R. P. Andrews & Co. (Incorporated) Yawman & Erbe Manufacturing Co. Rudolph, West & Co. M. Du Perow E. Mullin R. P. Clarke Co. American Writing Machine Co. Queen & Co. (Incorporated) Chas. Eneu Johnson & Co. American Type Founders Co. F. Simmons. Honeyman Hardware Co. Yates & Co. Dozier & Wells E. F. Whittemore Adams Express Co. do.	Wastebaskets. Storage battery Rags Felt Typewriters Alcohol Ink	3 14
	E. Mullin	Rags	14 69
	R. P. Clarke Co.	Typograpitors	139
	Ougen & Co (Incorporated)	Alcohol	100
	Chas. Eneu Johnson & Co	Ink	131
	American Type Founders Co.	Leads	5 3 1
	F. Simmons	Scales	3
	Honeyman Hardware Co	Clamp	1
	Yates & Co	Leads Scales Clamp Oil, etc	4
	Dozler & Wells	Cleaning clock	1
	Adams Express Co	Screens Cleaning clock Express charges	1 20
	do.	do	20
	do	do	23
	Woodward & Lothrop	Millinet	1
	Reinhold Stone	Building shed	725
	M I Charmfond	Drayage	2
	W.J. Crawioru		
	J. F. Newsom	Traveling expenses	10
	J. F. Newsom M. B. Stubbs.	Traveling expenses Subsistence Traveling expenses	2 2 19
	do do do Woodward & Lothrop. Reinhold Stone. W. J. Crawford J. F. Newsom M. B. Stubbs. Willis L. Moore. The Delaware and Hudson Co B. F. Larcombe et al. Pelouze Paper and Type Co.	do do Millinet Building shed Drayage Traveling expenses Subsistence Traveling expenses Passenger transportation Pay roll, printing office Cogwheel	19 33 6

Date.	Name.	Nature of payment.	Total.
1903.			
c. 5	Keystone Type Foundry	Type	\$16. 20. 5.
	Josiah Conover	Board case Repairing furniture	20.
	T. G. Crotty.	Repairing furniture	5.
	The Electric Storage Battery Co	Station supplies	1.
	William Savage	Repairing telegraph line. Repairing telegraph line. Repairing instruments Repairing tools. Oak frames Rubber jars.	3.
	Western Union Telegraph Co	Repairing telegraph line	4
	William Rush	Repairing instruments	5. 9.
	Loop Lock Machine Co	Repairing tools	5.
	Meserve Bros.	Oak frames	9.
	The Electric Storage Battery Co	Rubber jars	30.
	S. S. Rosendorf	Rubber jars Desk Cleaning carpet Repairing instrument shelter Kerosene engine, etc Cleaning carpet Repairing instruments Instruments Board walk, etc Repairing furniture	33.
	H. W. Douglas	Cleaning carnet	6.
	A. J. Sharp	Repairing instrument shelter	1.
	August Mietz	Kerosene engine, etc	1. 172.
	T. A. Ridley	Cleaning carnet	12.
	W P Moore	Renairing instruments	3
	A I Menthey	Instruments	3. 29.
	A. J. Ochorno & Co	Roard walk ata	11.
	Mook Wollmon	Reneiring furniture	97
	A TI Dovoll f- Co	Repairing furniture	97
	A. H. Revell & Co.	Descring instrument case	7. 38.
	Crustainger Poller Co	Recasting roners	38
	Y C Person	Office rout	2
	Keystone Type Foundry Josiah Conover T. G. Crotty The Electric Storage Battery Co. William Savage. Western Union Telegraph Co. William Rush Loop Lock Machine Co. Meserve Bros. The Electric Storage Battery Co. S. S. Rosendorf H. W. Douglas A. J. Sharp August Mietz T. A. Ridley. W. P. Moore. A. J. Manthey A. L. Osborne & Co. Mack Wellman A. H. Revell & Co. O. J. Maigue. Crutsinger Roller Co. M. G. Roves Magrum & Otter (Incorporated)do. Houston and Texas Central R. R. Co. Louisville and Nashville R. R. Co. Steamer New Shoreham. Cincinnati, Hamilton and Dayton Rwy. Co. Richmond, Fredericksburg and Potomac R. R. Co.	Ctation appriles	40
	Magrum & Otter (Incorporated)	station supplies	50 50
	00	The individual and the same of	50
	Houston and Texas Central R. R. Co,	Freight charges	1
	Louisville and Nashville R. R. Co	do	
	Steamer New Shoreham	ido	4
	Cincinnati, Hamilton and Dayton Rwy. Co	do	2
	Richmond, Fredericksburg and Potomac	do	2
	R. R. Co.		
	Edmond Hayden	Drayage	2
	Wabash R. R. Co	Freight charges	2
	Edmond Hayden Wabash R. R. Co Pittsburg, Cincinnati, Chicago and St. Louis	do	
	Norfolk and Washington Steamboat Co	do	6
	Missouri, Kansas and Texas Rwy, Co	do	
	Norfolk and Washington Steamboat Co Missouri, Kansas and Texas Rwy. Co. Pacific Coast Steamship Co Minneapolis, St. Paul and Sault Ste. Marie	Passenger transportation	18
	Minneapolis St. Paul and Sault Ste Marie	do	12
	Rwy. Co.		12
	Seehoard Air Line Rwy	do	6
	Chicago Northwestern Rwy Co	do	36
	Kansas City Southern Rwy Co	do	6
	E P Iones	Traveling expenses	6 32
	N B Conger	do	216
	Arkaneas Democrat Co	Printer's rollers	210
	Ramington Typowriter Co	Panairing typowriter	18
	Bradner Smith & Co	Papar	42
	T. T. T. awler & Co.	Pools for rongo	10
	American Type Foundare Co	Trans	10
	The Smith Dromier Transporter Co	Popoliting typowriter	18
	T. E. Score	Weeking typewriter	14
	Intermetional Ocean Polegraph Co	Washing towers	165
	Postel Telegraph Cohl- C-	relegraph services	165
	rostar refegraph-Cable Co		728 41
	Occan Plant Deat Line	00	41
	Ocean Tow Boat Line	do	30
	Dottel Welsons & Gabba G	do	30
	Rwy. Co. Seaboard Air Line Rwy. Chicago Northwestern Rwy. Co. Kansas City Southern Rwy. Co. E. P. Jones. N. B. Conger Arkansas Democrat Co. Remington Typewriter Co. Bradner Smith & Co. J. J. Lawler & Co. American Type Founders Co. The Smith Premier Typewriter Co. L. E. Scarr International Ocean Telegraph Co. Postal Telegraph-Cable Co. do. Ocean Tow Boat Line. do Postal Telegraph-Cable Co., of Texas. Minneapolis, St. Paul and Sault Ste. Marie. Rwy. Co.	do	94
	Minneapolis, St. Paul and Sault Ste. Marie	do	15
	Rwy. Co.		
	Cuba Submarine Telegraph Co. (Limited)	do	7
	Martnas Vineyard Telegraph Co	do	7 41 960
	Western Union Telegraph Co.	do	960
	The Direct West India Cable Co. (Limited)	do	233
	Bell Telephone Co. of Buffalo	Telephone services	9
	Bendernagel & Co	Recasting rollers	3.
	Phillips, Smyth & Van Orden	Printing climate and crop reports.	45
	E. C. Newsam	Services	125
	New York, substations	Pay roll	35
	The Fred Macey Co	File case, bookcase, and desk	125 35 80
	J. P. McDonough	Repairing printing press	11
	C. Sutter.	Packing barometer box.	1
	A. N. Bennett	Reeving halvards	5
	L. T. Darden	Linoleum	5. 57.
	M. M. Latta	Office rent	25.
	W I Vomn	Cleaning clock	20.
			Z
	D R Report	Donairing thormsome	0
	Minneapoiis, St. Paul and Sault Ste. Marie. Rwy. Co. Cuba Submarine Telegraph Co. (Limited). Marthas Vineyard Telegraph Co. Western Union Telegraph Co. The Direct West India Cable Co. (Limited). Bell Telephone Co. of Buffalo. Bendernagel & Co. Phillips, Smyth & Van Orden. E. C. Newsam. New York, substations The Fred Macey Co. J. P. McDonough. C. Sutter. A. N. Bennett. L. T. Darden. M. M. Latta. W. J. Kemp. D. B. Bancroft. Henninger & Wheeler Pacific States Telephone and Telegraph Co.	Repairing thermograph	2 2 2

WEATHER	BUREAU,	GENERAL	EXPENSES-	Continued.
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Date.	Name.	Nature of payment.	Total.
1903.	L. Dorman. W. M. Wilson. A. Ashenberger. F. J. Walz E. B. Richards. H. C. Bate. T. F. Townsend. H. F. Alciatore. H. B. Hersey. H. C. Frankenfield. H. C. Hobbs. S. W. Glenn Lake Shore and Michigan Southern R. W. Co. Baltimore and Ohio Southwestern R. R. Co. Atchison, Topeka and Santa Fe Rwy. Co. San Antonio and Aransas Pass Rwy. Co. Louisville and Nashville R. R. Co. The Missouri Pacific Rwy. Co. B. C. Kadel. H. E. Hobbs. Tarbett Phemister Co. Rigley & Wilson. American Type Founders Co. Chas. Chilson. H. P. Christensen. Postal Telegraph-Cable Codo. Galveston, Harrisburg and San Antonio Rwy. Co. J. Warren Smith		
ec. 5	L. Dorman	Traveling expenses	\$42.
	W. M. Wilson	do	6.
	A. Ashenberger	do	17.0 162.3 45.0
	F. D. Walz	Subsistance	102.
	H. C. Bate	Traveling expenses	2.
	T. F. Townsend	do	2. 22. 16.
	H. F. Alciatore	do	16.
	H. B. Hersey	do	146.
	H. C. Frankenbeld.	Cubaiatana	319. 31. 32.
	S W Glenn	Traveling avnerses	32.
	Lake Shore and Michigan Southern Rwy, Co	Passenger transportation	30.
	Baltimore and Ohio Southwestern R. R. Co	do	20.
	Atchison, Topeka and Santa Fe Rwy. Co	do	30. 32.
	San Antonio and Aransas Pass Rwy. Co	do	32. 28.
	The Missouri Pacific Rwy Co	do	20.
	B. C. Kadel	Subsistence	8. 47.
	H. E. Hobbs	do	22.
	Tarbett Phemister Co	Printers' rollers	5. 11. 3. 120.
	Rigley & Wilson	Office chair	11.
	Chas Chilson	Parts for printing press	ა 190
	H. P. Christensen	Painting instrument shelter	13.
	Postal Telegraph-Cable Co.	Telegraph services	602.
	do	do	602. 51.
	Galveston, Harrisburg and San Antonio Rwy. Co.	Freight charges	1.
7	Rwy. Co.	Дио жо жо	15
14	W S Tonke	Drayage	15. 1.
11	J. Warren Smith W. S. Jenks J. C. Parker	Trin Letter presses and stands Calendar pads and stands Sectional bookease Instrument stands	191
	do	Calendar pads and stands	4.
	. do do	Sectional bookcase	4. 15. 585.
	J. E. Turton	Instrument stands	585.
	W. H. Rupp Co		9. 6. 2.
	do Fort Smith Light and Traction Co H. A. Moyer The Safety Insulated Wire and Cable Co	do	2.
	H. A. Mover	Wagon	148.
	The Safety Insulated Wire and Cable Co	Cable	17. 50. 1, 296.
	United States Envelope Co	Envelopes	50.
	The Friedenwald Co	Wrappers	1,290.
	Norfolk Farm Supply Co	Rongies to water tank	57
	John Wright	Varnishing floors	12. 57. 10. 35.
	F. M. Kadel.	Refitting windows	35.
	Kenffel & Esser Co	Drawing table	
	W. W. McKee	Repairs to river gauge	20.
	V. W. Cash	Repairs to telegraph line	2. 2.
	N. Creasev	do	2.
	K. H. Patrick	Repairing roof	33.
	F. J. Massard	Wiring electric lanterns	2. 33. 40.
	D. Stephenson	Alarm clock	1.
	J. C. Peach	Kepairing clock	1.
	Fort Smith Light and Traction Co. H. A. Moyer. The Safety Insulated Wire and Cable Co. United States Envelope Co. The Friedenwald Co. J. E. Hurley. Norfolk Farm Supply Co. John Wright. F. M. Kadel. Kenffel & Esser Co. W. W. McKee. C. W. Cash. A. O. Pischer. N. Creasey. K. H. Patrick. F. J. Massard. D. Stephenson. J. C. Peach. C. Sevilla. Southern Rwy. Co. New York, New Haven and Hartford R. R. Co.	Passenger transportation	5. 94.
	New York and Cuba Mail S. S. Co	do	80. 12.
	New York, New Haven and Hartford R. R.	do	12.
	Co.		
	Southern California Rwy. Co	do	16.
	Unesapeake and Uniogkwy. Co	do	32. 3
	Missouri Kansas and Texas Rwy Co.	do	2.
	Boulton, Bliss & Dallett.	do	16. 32. 3. 2. 56.
	Illinois Central R. R. Co	do	5.
	The Pennsylvania R. R. Co.	do	23.
	New England Telephone and Telegraph Co	Telegraph services	2.
	Chicago Burlington and Quincy Pwy Co	do	2.
	Co. Southern California Rwy. Co. Chesapeake and OhioʻRwy. Co. Louisville, Henderson and St. Louis Rwy. Co. Missouri, Kansas and Texas Rwy. Co. Missouri, Kansas and Texas Rwy. Co. Boulton, Bliss & Dallett Illinois Central R. R. Co. The Pennsylvania R. R. Co. New England Telephone and Telegraph Co. do. Chicago, Burlington and Quincy Rwy. Co. do. Central District and Printing Telegraph Co. Rising Sun Telegraph Line Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.	do	50. 5. 23. 2. 2. 2. 2. 2.
	Central District and Printing Telegraph Co	do	19.
	Rising Sun Telegraph Line	do	2. 15.
	Minneapolis, St. Paul and Sault Ste. Marie	do	15.
	Rwy. Co. Southern Bell Telephone and Telegraph Co. J. Warren Smith. G. N. Salisbury. D. P. McCallum. W. G. Wilson	do	5.
	Southern Bell Telephone and Telegraph Co	Travaling avnances	10.
	G N Salishury	do do	17.
	D. P. McCallum	do	17. 22.
			2.

Date.	Name.	Nature of payment.	Total
1903.			
c. 14	J. Kenealy. F. J. Walz. V. H. Church H. F. Alps. J. J. O'Donnell A. J. Mitchell C. H. Richardson do do T. B. Jennings	Traveling expenses	\$16
	F. J. Walz	do	\$16 172
	V. H. Church	do	9
	H. F. Alps	Drayage, etc	10 4
	J. J. O'Donnell	Station expenses	4
	A. J. Mitchell	Drayage, etc	4
	C. H. Richardson	Subsistance	57
	dodo	Transportation etc	31 12
	T. B. Jennings W. M. Dudley H. E. Hobbs M. A. Robinson H. F. Hobbs	Dravage etc	3
	W. M. Dudley	do	1
	H. E. Hobbs	Drayage, etcdo Station expenses	17
	M. A. Robinson	Subsistence. Station expenses Fuel Traveling expenses.	20
			5
	Wm. J. Zeh	Fuel	170
	A. M. Hamrick	Traveling expenses	170 2 32
	Convollis and Fastorn P. P. Co	Tolograph sorvices	92
	Pacific States Telephone and Telegraph Co	do	. 2
	W F McGee	Services	8
	T. E. Gifford	Hauling	6
	Hanev Bros.	Services	45
	Wm. J. Zeh A. M. Hamrick E. W. McGann Corvallis and Eastern R. R. Co. Pacific States Telephone and Telegraph Co W. F. McGee. T. E. Gifford Haney Bros J. A. Reigens Sempire State House Furnishing Co. Mack Wellman C. G. Brandon A. G. Frenholm Cuba Submarine Telegraph Co. (Limited) W. S. Currier Coston Signal Co. (Incorporated) Western Telephone Manufacturing Co. J. F. Fillion American Ice Co. J. Gussenhoven Hoke Engraving Plate Co. do. do. R. J. Miller E. B. Richards H. McP. Baldwin D. A. Seeley J. J. O'Donnell D. Cuthbertson P. DeGraw O. W. Roberts H. McP. Baldwin H. C. Bate F. A. Carpenter The Great Northwestern Telegraph Co. of Canada. New England Telephone and Telegraph Co.	Oil	1
	Empire State House Furnishing Co	Services	9
	Mack Wellman	do	5
	C. G. Brandon	Cable conduit	40
	A. G. Frennolm	Services	6
	W S Currier	Drevege	7
	Coston Signal Co (Incorporated)	Answering signals	33 33
	Western Telephone Manufacturing Co	Renairing telephone	Đ.
	J. F. Fillion	Repairing roof	9
	American Ice Co.	Fuel	2 85
	J. Gussenhoven	Water tank shelter	100
22	Hoke Engraving Plate Co	Chalk plates	54
	do	do	31 287 125
	do	do	287
	R. J. Miller	Services	125
	E. B. Kichards	Traveling expenses	14
	D A Sooloy	do	13 6
	I I O'Donnell	Subsistance	33
	D. Cuthbertson	Station expenses	20
	P. DeGraw	do	97
	O. W. Roberts	do	97 7
	H. McP. Baldwin	do	1
	H. C. Bate	Drayage	2
	F. A. Carpenter	do	2
	The Great Northwestern Telegraph Co. of	Telegraph services	295
	Canada.	Tolonhone convices	
	Postal Talagraph Cable Co. of Taxas	Tolograph sorvices	108
	The Direct West India Cable Co. (Limited)	do	207
	Marthas Vineyard Telegraph Co	do	34
	Canada. New England Telephone and Telegraph Co. Postal Telegraph-Cable Co. of Texas. The Direct West India Cable Co. (Limited) Marthas Vineyard Telegraph Co. Elizabeth City and Noriolk Telegraph Co. Home Telephone Co. Bell Telephone Co. G. W. Kelley. W. H. Wilson T. P. Simpson. D. Green.	do.	5
	Home Telephone Co	do	9
	Bell Telephone Co., of Buffalo	Telephone services	7
	G. W. Kelley	Drayage and poles	118
	W. H. Wilson	Hauling	7 5
	T. P. Simpson	Cement and sand	5
	D. Green F Cmith	Services	4
	H A Poolo	do	1
	C. E. Parrott	do	7
	L. Parker	do	2
	J. Claplanho	do	4
	W. H. Wilson T. P. Simpson D. Green F. Smith H. A. Poole C. E. Parrott L. Parker J. Claplanho W. Irving E. Starkey Fosberg & Murray Faneuil Watch Tool Co E. Anderson The Inland Type Foundry J. A. Roebling's Sons Co Armour & Co Pacific Tool Supply Co The Potomac Terra Cotta Co D. McInnes Wm. J. Rountree Wm. J. Rountree Wm. J. Rountree Wm. J. Rountree	do	2
	E. Starkey	do	1
	Fosberg & Murray	Grate bars	81
	Faneuil Watch Tool Co	Staking tool	10 2 27
	E. Anderson	Services.	2
	The Inland Type Foundry	Type	27
	J. A. Koebling's Sons Co	Telegraph wire	9
	Armour & Co	Soap	70
	The Peternee Terre Cette Co	Conduita	22
	D. MoInnes	Conquits	140
	Wm. J. Rountree Barelli & Kittredge	Wood.	$\frac{2}{7}$
		YY CHOIL	

WEATHER	BUREAU,	GENERAL	EXPENSES.	-Continued.
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Date.	Name.	Nature of payment.	Total.
1903.	0		
ec. 22	C. E. Bowe The Anthony Scoville Co Havre Electric Light Co.	Services	\$3.
	The Anthony Scoville Co	Photo materials	15. 127.
	Wm A West	Tolograph poles	37.
	American Type Founders Co	Logotypes	6
	A. Zappone	Traveling expenses	132.
31	Duluth Hardware Co	Lawn mower, hose, etc	43.
	Wm. A. West American Type Founders Co A. Zappone. Duluth Hardware Co French & Bassett	Services Photo materials Installing electric light Telegraph poles Logotypes Traveling expenses Lawn mower, hose, etc Rugs, linole u m, and window shades. Coal	6. 132. 43. 255.
	Northwestern Fuel Co	shades. Coal Laying carpet Stove and pipe Hauling coal Straw, hay, oats, and corn Electric fixtures Window shades Coat and hat hooks Paner, puss, etc.	107.
	R. T. F. Smith	Laying carpet	5. 15.
	G F Plaster in	Houling goal	61.
	Northwestern Fuel Co. R. T. F. Smith. Havre Commercial Co. G. E. Plaster, jr. Plaster & Robey. Burgess Electric Co. O. G. Skylstead. J. Moran Geo. F. Muth & Co. Hugh Reilly. Barber & Ross. J. C. Parker	Straw, hav, oats, and corn	231.
	Burgess Electric Co.	Electric fixtures	21.
	O. G. Skylstead	Window shades	21,
	J. Moran	Coat and hat hooks	1.
	Geo. F. Muth & Co.	Paper, pens, etc. Asphaltum Basins and pitchers.	66.
	Hugh Reilly	Asphaltum	1. 20.
	Barber & Ross	Basins and pitchers	20.
	J. C. Parker Rudolph, West & Co W. B. Moses & Sons	Painting cailing	17.
	W B Moses & Sons	Chairs and stool	6. 292.
	do	Bookcase Painting ceiling Chairs and stool Table	29.
	do do	do Chairs	15.
	do	Chairs	72. 15.
	do	Table Repairing chairs Table Mangers and hayracks	15.
	do	Repairing chairs	4.
	T. D. Lambia Co. (Incomparated)	Mangarg and harmada	15. 36.
	American Writing Machine Co	Rangels and nayracks	91
	Woodward & Lothrop	Office furniture	22.
	do.	Mattress, pillow, etc	10.
	do	Chairs, millinet, and blankets	22. 10. 55.
	Lutz & Co	Riding whip	3. 6.
	United States Express Co	Express charges	6.
	do do do do do do do do do J. B. Lambie Co. (Incorporated).  American Writing Machine Co Woodward & Lothrop do do Lutz & Co United States Express Co do Adams Express Co M. G. Copeland Co R. C. Ballantyne do	Mangers and nayracks Repairing typewriter Office furniture Mattress, pillow, etc Chairs, millinet, and blankets Riding whip Express charges	7. 10.
	M. G. Copeland Co.	dodoPennantsPaper	13.
	R. C. Ballantyne	Paper	13. 266. 60.
	do.	Envelopes	60.
	do.	Rubber stamps	129. 40. 3.
	do	Envelopes	40.
	Lamb & Tilden	Rubber stamps	3.
	do.	do	3.
	The Meurice Leves Engraving Co	Half-tone plate	1. 7. 4.
	do	Stereotype plates	4.
	J. C. Entwistle	Engraving rain chart	10.
	Mackall Bros	Soap	41.
	National Electrical Supply Co	Wire	1.
	Remington Typewriter Co	Adjusting typewriter	16.
	Lamb & Tildendodof. Miller The Maurice Joyce Engraving Codo J. C. Entwistle Mackall Bros National Electrical Supply Co Remington Typewriter Co Densmore Typewriter Co Standard Oil Co Littlefield, Alvord & Codo Star Union Line St. Louis and San Francisco R. R. Co Pere Marquette R. R. Codo Atchison, Topeka and Santa Fe Rwy. CoM. G. Copeland Co Pennsylvania Codo	Repairs to typewriter	16. 18.
	Littlefield Alvord & Co	Drayage	43.
	dodo	do	37.
	Star Union Line	Freight charges	11.
	St. Louis and San Francisco R. R. Co	do	1.
	Pere Marquette R. R. Co	do	
	do	do	53.
	M. C. Copoland Co.	Flore	1, 418.
	Pennsylvania Co	Freight charges	,
	do	do	
	Pennsylvania R. R. Co	do	4.
	Southern Rwy. Co	do	4.
	do	do	4. 4. 1. 24.
	00	do	24.
	Atlantic Coast Line R R Co	do	10
	dodo	do	10. 1.
	Norfolk and Washington Steamboat Co.	do	4. 2. 1.
	do	do	2.
	Peninsular and Occidental Steamship Co	do	1.
	The Oregon Short Line R. R. Co	do	7.
	Texas and New Orleans R. R. Co	do	3. 23.
	do do Atlantic Coast Line R. R. Co. do Norfolk and Washington Steamboat Co. do Peninsular and Occidental Steamship Co. The Oregon Short Line R. R. Co. Texas and New Orleans R. R. Co. New York and Porto Rico Steamship Co. Chicago, Rock Island and Pacific Rwy. Co. Illinois Central R. R. Co. New London Steamboat Co.	do	20.

A STATE	THER	BUDEAU	GENERAL.	EXPENSES-	-Continued
W ELD	LHEA	DUREAU,	GENERAL	EVI PROFF.	-Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Dec. 31	Grand Rapids and Indiana Rwy. Co Terre Haute and Indianapolis R. R. Co Union Pacific R. R. Co. Western Rwy. of Alabama. New Bedford, Marthas Vincyard and Nan- tracks Steamboot Co.	Freight charges	\$3.
	Terre Haute and Indianapolis R. R. Co	do	1.
	Union Pacific R. R. Co	do	1.
	Now Rodford Marthas Vineyard and Nan-	do	1
	tucket Steamhoat Co		1
	tucket Steamboat Co. Richmond, Fredericksburg and Potomac R.	do	
	R. Co.		
	R. Co. Washington Southern Rwy. Co. Town of New Shoreham Evansville and Terre Haute R. R. Co. Toledo, St. Louis and Western R. R. Co. J. C. Davis. C. H. Mallory & Co. do. B. F. Larcombe et al.	do	45.
	Town of New Shoreham	do	45.
	Evansville and Terre Haute R. R. Co	do	2.
	I C Davie	do	1.
	C. H. Mallory & Co	do	4.
	do	do	4. 8.
	B. F. Larcombe et al.	Pay roll, printing office	2,482.
	Total second quarter		91.819.
1004			
1904. n. 11	C Cortor	Cleaning map	9
	Geo. S. Slover	Disinfectants	8. 5.
	C. Carter Geo. S. Slover Hendee, Bainford, Crandall Co	Repairing caligraph	5.
-	Thos. Reedy. Addressograph Co. R. Moore. Nase, Kraus & Koken. W. C. Fickert. A. I. Weeks. A. Windsor. F. B. Mason.	Disinfectants Repairing caligraph Bedstead, mattress, etc. Addressograph and cabinet Erecting storm-warning tower Repairing wind vane	20.
	Addressograph Co	Addressograph and cabinet	43. 65.
	R. Moore	Erecting storm-warning tower	65.
	W. C. Fielert	Repairing wind vane	10.
	A I Wooks	Rugs Repairing telegraph line Repairing instrument shelter	9
	A. Windsor	Repairing instrument shelter	8. 2. 15.
	E. R. Mason	Repairing clock and thermograph	3.
	P. Dickerson	Erecting flagstaff, etc. Erecting tower File cabinet Coal Horse hire and keeping horse	8.
	F. J. Massard	Erecting tower	55. 40.
	C. D. Widman & Co	File cabinet	40.
	J. T. Doage	Uoal	80.
	American Type Founders Co	Chie	86. 13. 6. 45.
	A. Windsor E. R. Mason P. Dickerson F. J. Massard C. D. Widman & Co J. T. Dodge Chapin & Simpson American Type Founders Co A. H. Lemunyon Wm. Curry's Sons Seattle Hardware Co L. L. Holland E. H. Furbush	Glue Erecting tower Steplader, etc Furniture Running levels	45
	Wm. Curry's Sons	Stepladder, etc.	5.
	Seattle Hardware Co	Furniture	5. 32.
	L. L. Holland	Running levels	15.
	E. H. Furbush	Drayage Cleaning windows Freight charges Repairing furniture	1.
	R. T. F. Smith	Cleaning windows	10.
	A H White	Popoiring furniture	4. 10.
	Morris & Campbell	Carpet	44.
	J. A. Brashear Co. (Limited)	Telescope Reeving halyards Repairing telegraph line	300
	H. Sprague	Reeving halyards	10.
	Western Union Telegraph Co	Repairing telegraph line	2.7
	Wild & Stevenson	Printing supplies	7.
	O P Stubbe	Envelopes	56.
	L. L. Holland E. H. Furbush R. T. F. Smith Schooner "Ida A," O'Callahan, Nelson & Co A. H. White. Morris & Campbell J. A. Brashear Co. (Limited). H. Sprague Western Union Telegraph Co Wild & Stevenson United States Envelope Co. O. B. Stubbs F. Martin Yates & Co.	Printing supplies Envelopes Cells Furnace and fittings	3. 13.
	Yates & Co.	Oil, etc.	4.
	Coston Signal Co. (Incorporated)	Answering signals	33.
	Yates & Co Coston Signal Co. (Incorporated) S. E. Jackson Standard Oil Co.	Furnace and nittings Oil, etc Answering signals Erection of tower Oil Erecting tower Cleaning office Ink and mucilage Pattern and river tablets Removing instrument shelter	45. 7.
	Standard Oil Co	Oil	7.
	C. L. Fries. E. Cooper C. B. Connor J. W. Clark	Erecting tower	50.
	C. B. Copper	Uleaning office	15.
	I. W. Clark	Pattern and river tablets	3 25
		Removing instrument shelter	1.
	Dobbins Bros. T. M. Kandle. J. W. Hollenbeck.	Kev	26
	T. M. Kandle	Repairing instrument shelter	26
	J. W. Hollenbeck	Repairing instrument shelter Placing shelter in tower	10
	T E Miller & Sons	Copying press	15.
	Eureka Lighting Co.	do	8 15
	Marais Lumber Co	do.	12.
	San Antonio Gas and Electric Co.	do.	3.
	J. W. Hollemeek. Stephens & Son. J. E. Miller & Sons. Eureka Lighting Co. Marais Lumber Co. San Antonio Gas and Electric Co. Menominee and Marinette Light and Traction Co.	do	5.
	tion Co.		
	Board of Fire and Water Commissioners	do	6.
	Board of Fire and Water Commissioners.  Tampa Electric Co. Ashland Light, Power and Street Rwy. Co. Power Department, Bayfield, Wis. Washburn Electric Light and Power Co. F. L. Knight A. L. Crumpton Lone Star Ice Co.	do	3. 17. 5.
	Power Department Rayfold Wis	do	17.
	Washburn Electric Light and Power Co	do	10.
	F. L. Knight	Washing towels	10.
	A. L. Crumpton	do	1
	Lone Star Ice Co.	Ice	4

ate.	Name.	Nature of payment.	Tota
904.			
i. 11	Sault Ste. Marie, substations W. A. R. Rawle E. Over. R. Hume. E. A. Beals A. R. Teeple L. H. Murdoch B. C. Kadel R. T. Lindley J. P. Bolton L. M. Dey N. R. Taylor M. A. Robinson. Geo. Reeder W. C. Devereaux	Pay roll	\$9.
	W. A. R. Rawle	Services	12: 12: 17: 6: 14:
	E. Over	do	
	R. Hume	Thomasin a company	1
	A R Teenle	Traveling expenses	0.
	L. H. Murdoch	do	14
	B. C. Kadel.	do	84
	R. T. Lindley	do	2:
	J. P. Bolton	Station expenses	3
	L. M. Dey	Drayage	
	N. R. Taylor	do	
	M. A. Robinson	Subsistence	2
	W C Devergerant	Station expenses	0
	The Direct West India Cable Co	Postago stamps	0
	R H Sullivan	Dravage stamps	
	W. T. Lathrop	Subsistence	2
	B. C. Kadel	Station expenses	2
	E. D. Emigh	Drayage.	2 1 1 3
	Atchison, Topeka and Santa Fe Rwy. Co	Passenger transportation	
	Delaware, Lackawanna and Western R. R.Co	do	2
	Pennsylvania Co	do	1
	Mame Central K. K. Co		1
	Missouri Pacific Rwy, Co.	do	3
	Atlantic Coast Line R R Co	do	1
	Texas and New Orleans R. R.: Co	do	2
	Galveston, Houston and Northern Rwy, Co.	do	
	A. E. Outerbridge & Co	do	5
	Missouri, Kansas and Texas Rwy. Co	do	5
	Boston and Maine R. R.	do	$\begin{array}{c} 1 \\ 2 \\ 1 \end{array}$
	Gallego, Messa & Co	do	1
	The Wabash R. R. Co	00	2
- 1	Wollow Island and Sandusky Cable Co	Tolograph corrigos	1
1	Chicago, Burlington and Quincy Rwy Co	do	
	Ocean Tow Boat Line	do	1
	Edmond Havden	Dravage	
1	do	do	
	St. Louis Transfer Co	do	
	Steamer New Shorenam	Freight charges	0
	The Gamble Desmond Co	Omce rent	9 8
	Tacoma Chamber of Commerce and Board of	do	7
	M. A. Robinson Geo. Reeder W. C. Devereaux The Direct West India Cable Co. R. H. Sullivan. W. T. Lathrop B. C. Kadel E. D. Emigh Atchison, Topeka and Santa Fe Rwy. Co. Delaware, Lackawanna and Western R. R. Co. Pennsylvania Co. Maine Central R. R. Co. Northern Pacific Rwy. Co. Missouri Pacific Rwy. Co. Missouri Pacific Rwy. Co. Atlantic Coast Line R. R. Co. Texas and New Orleans R. R. Co. Galveston, Houston and Northern Rwy. Co. A. E. Outerbridge & Co. Missouri, Kansas and Texas Rwy. Co. Boston and Maine R. R. Gallego, Messa & Co. The Wabash R. R. Co. Seaboard Air Line Rwy. Kelley Island and Sandusky Cable Co. Chicago, Burlingdon and Quincy Rwy. Co. Cean Tow Boat Line Edmond Haydendo. St. Louis Transfer Co. Steamer New Shoreham The Gamble Desmond Co. A. J. Knight. Tacoma Chamber of Commerce and Board of Trade. Estate of S. Marks & Co.		·
- 1	Estate of S. Marks & Co. E. L. Renoe	do	8 15
	E. L. Renoe	do	19
	U. M. Beeson	00	8
	O I Maire	do	9
	Consolidated Improvement Co	do	16
	Citizens' Bank of Norfolk, Va	do	13
	Orson Adams, jr	do	13 12
	Yale Hicks, agent	do	12
	Peter Sonna	do	12
	Fremont Lumber Co.	do	8
	Bank of Tenama County	00	9
	Togé Valenti		
	José Valenti	do	à
	José Valenti	do	9
	José Valenti. Marquette County Savings Bank. Loan and Exchange Bank of South Carolina. Law Building Co.	do do do	6
	José Valenti. Marquette County Savings Bank. Loan and Exchange Bank of South Carolina. Law Building Co. Dent & Butler.	do	6
	José Valenti. Marquette County Savings Bank. Loan and Exchange Bank of South Carolina. Law Building Co Dent & Butler G. L. Lovett.	do.	10
	José Valenti. Marquette County Savings Bank. Loan and Exchange Bank of South Carolina. Law Building Co Dent & Butler. G. L. Lovett. The Farmers' National Bank of Fresno	do	10
	José Valenti. Marquette County Savings Bank. Loan and Exchange Bank of South Carolina. Law Building Co Dent & Butler. G. L. Lovett. The Farmers' National Bank of Fresno Walla Walla Lodge, No. 56, I. O. O. F	dod	10
	José Valenti. Marquette County Savings Bank. Loan and Exchange Bank of South Carolina. Law Building Co. Dent & Butler. G. L. Lovett. The Farmers' National Bank of Fresno. Walla Walla Lodge, No. 56, I. O. O. F. F. E. Warren Mercantile Co.	do	77 90 150 60 100 100 90 88 156
	José Valenti. Marquette County Savings Bank. Loan and Exchange Bank of South Carolina. Law Building Co Dent & Butler. G. L. Lovett. The Farmers' National Bank of Fresno. Walla Walla Lodge, No. 56, I. O. O. F. F. E. Warren Mercantile Co. Conrad National Bank of Kalispell.	do	10: 10: 9: 8: 15:
	José Valenti. Marquette County Savings Bank. Loan and Exchange Bank of South Carolina. Law Building Co Dent & Butler. G. L. Lovett. The Farmers' National Bank of Fresno Walla Walla Lodge, No. 56, I. O. O. F. F. E. Warren Mercantile Co. Conrad National Bank of Kalispell Taylor National Bank	do	10: 10: 9: 8: 15:
	José Valenti.  Marquette County Savings Bank.  Loan and Exchange Bank of South Carolina.  Law Building Co.  Dent & Butler.  G. L. Lovett.  The Farmers' National Bank of Fresno.  Walla Walla Lodge, No. 56, I. O. O. F.  F. E. Warren Mercantile Co  Conrad National Bank of Kalispell  Taylor National Bank  Paine Bros.  A. W. Kennie.	do	65 10 10 9 8 15 6 14 7'
	José Valenti. Marquette County Savings Bank. Loan and Exchange Bank of South Carolina. Law Building Co Dent & Butler. G. L. Lovett. The Farmers' National Bank of Fresno. Walla Walla Lodge, No. 56, I. O. O. F. F. E. Warren Mercantile Co. Conrad National Bank of Kalispell Taylor National Bank Paine Bros. A. W. Kennie Adam Geiger.	do	65 10 10 9 8 15 6 14 7'
	José Valenti. Marquette County Savings Bank. Loan and Exchange Bank of South Carolina. Law Building Co Dent & Butler. G. L. Lovett. The Farmers' National Bank of Fresno Walla Walla Lodge, No. 56, I. O. O. F. F. E. Warren Mercantile Co. Conrad National Bank of Kalispell Taylor National Bank of Kalispell Taylor National Bank Paine Bros. A. W. Kennie Adam Geiger. Prudential Building Co.	do	65 100 100 9 8 15 6 143 77 78
	José Valenti. Marquette County Savings Bank. Loan and Exchange Bank of South Carolina. Law Building Co. Dent & Butler. G. L. Lovett. The Farmers' National Bank of Fresno. Walla Walla Lodge, No. 56, I. O. O. F. F. E. Warren Mercantile Co. Conrad National Bank of Kalispell Taylor National Bank Paine Bros. A. W. Kennie Adam Geiger. Prudential Building Co. D. Hope Ross.	do	65 100 100 9 8 15 6 143 77 78
	José Valenti. Marquette County Savings Bank. Loan and Exchange Bank of South Carolina. Law Building Co. Dent & Butler. G. L. Lovett. The Farmers' National Bank of Fresno. Walla Walla Lodge, No. 56, I. O. O. F. F. E. Warren Mercantile Co. Conrad National Bank of Kalispell Taylor National Bank Paine Bros. A. W. Kennie Adam Geiger. Prudential Building Co. D. Hope Ross. W. Follman.	do	65 100 100 9 8 15 6 143 77 78
	José Valenti. Marquette County Savings Bank. Loan and Exchange Bank of South Carolina. Law Building Co Dent & Butler. G. L. Lovett. The Farmers' National Bank of Fresno Walla Walla Lodge, No. 56, I. O. O. F. F. E. Warren Mercantile Co. Conrad National Bank of Kalispell Taylor National Bank of Kalispell Taylor National Bank Paine Bros. A. W. Kennie Adam Geiger. Prudential Building Co. D. Hope Ross W. Pollman. Jacob Crocker	do.	65 100 100 9 8 15 6 143 77 78
	Estate of S. Marks & Co. E. L. Renoe C. M. Beeson H. Rolle O. I. Mairs. Consolidated Improvement Co. Citizens' Bank of Norfolk, Va. Orson Adams, jr. Yale Hicks, agent Peter Sonna Fremont Lumber Co. Bank of Tehama County. José Valenti. Marquette County Savings Bank. Loan and Exchange Bank of South Carolina. Law Building Co. Dent & Butler. G. L. Lovett. The Farmers' National Bank of Fresno. Walla Walla Lodge, No. 56, I. O. O. F. F. E. Warren Mercantile Co. Conrad National Bank of Kalispell Taylor National Bank Paine Bros. A. W. Kennie Adam Geiger. Prudential Building Co. D. Hope Ross W. Pollman Jacob Crocker Southern Bell Telephone and Telegraph Codo. W. S. Rowe. The San Antonio Telephone Co.	do	65 10 10 9 8 15 6 14 7'

Date.	Name.	Nature of payment.	Tota
1904	Southern Bell Telephone and Telegraph Co. Pacific States Telephone and Telegraph Co. Telephone Co. of South Jersey. Sunset Telephone and Telegraph Co. The Toledo Home Telephone Co. Pacific States Telephone and Telegraph Co. West Virginia Western Telephone Co. Peninsular Telephone Co. The Southern Telegraph and Telephone Co. Idaho Independent Telephone Co. Rocky Mountain Bell Telephone Co. Independent Telephone Co. The Southern New England Telephone Co. The Southern Bell Telephone Co. The Colorado Telephone Co. Cocky Mountain Bell Telephone Co. Rocky Mountain Bell Telephone Co. Rocky Mountain Bell Telephone Co. Neoky Mountain Bell Telephone Co. Nabama, Mississippi and Tennessee Telephone Co. Wichita Independent Telephone Co. Bell Telephone Co. of Buffalo. The Independent Telephone and Telegraph Co. Larned Telephone Co.		
n. 11	Southern Bell Telephone and Telegraph Co	Telephone services	8
	Pacific States Telephone and Telegraph Co	do	1
	Sunset Telephone and Telegraph Co	do	
	The Toledo Home Telephone Co.	do	1
	Pacific States Telephone and Telegraph Co	do	1
	Peninsular Telephone Co	do	
	The Southern Telegraph and Telephone Co	do	
	Idaho Independent Telephone Co	do	1:
	Independent Telephone Co	do	
	The Southern New England Telephone Co	do	3 1 1
	Rocky Mountain Bell Telephone Co	do	1
	Rocky Mountain Ball Telephone Co.	do	1
	Lynchburg Telephone Co.	do	
	Alabama, Mississippi and Tennessee Tele-	do	
	phone Co.	a.	
	Rell Telephone Co. of Buffalo	do	2
	The Independent Telephone and Telegraph	do	-
	Co.	3-	
	Co.  Pacific States Telephone and Telegraph Co.  Pennsylvania Telephone Co. Southern Bell Telephone and Telegraph Co.  The Southwestern Telegraph and Telephone	00	
	Pennsylvania Telephone Co	do	1
	Southern Bell Telephone and Telegraph Co	do	1 1
	The Southwestern Telegraph and Telephone	do	1.
	Co. Southern Bell Telephone and Telegraph Co.	do	
	Kalispell Water and Electric Co	do	1
	Mississippi Valley Telephone Co. of Iowa	do	
	Southern Bell Telephone and Telegraph Co	do	1
	Sunset Telephone and Telegraph Co	.do	1
	Columbia Telephone Co	do	
	Asheville Telephone and Telegraph Co	do	-
	Southern Rell Telephone and Telegraph Co	do	1
	The Bell Telephone Co. of Philadelphia	do	1
	Northwestern Telephone Exchange Co	do	1
	The Colorado Telephone Co	do	2:
	Central Union Telephone Co	do	1
	Pennsylvania Telephone Co	do	1
	La Crosse Telephone Co	do	1
	Cumberland Telephone and Telegraph Co	do	1
	Interstate Telephone and Telegraph Co	do	
	Southern Bell Telephone and Telegraph Co	do	12
	Rluff City Telephone Co. of Philadelphia	do	1.
	Union Trust Co., Detroit .	do	1
	Alabama, Mississippi and Tennessee Tele-	do	
	phone Co. Rank of Wythovillo, Va	Office rent	10
	Michigan Trust Co. Building	onice tentdo	35
	First National Bank, Moorhead, Minn	do	356 66 878
	American Surety Co. of New York	do	87
	Pacific Club	do	9:
	E. Hardinge	do	8
	Indianapolis Gas Co	do	25
	T M Jeffris & Co.	do	68 256 187 128
	M. M. Latta	do	2
	E. S. Hughes	do	28 98
	Union Trust Building Co. (Limited)	do	167 75
	F. Agramonte	do	20
	Southern Bell Telephone and Telegraph Co. The Southwestern Telegraph and Telephone Co. Southern Bell Telephone and Telegraph Co. Kalispell Water and Electric Co. Mississippi Valley Telephone Co. of Iowa. Southern Bell Telephone and Telegraph Co. Pacific States Telephone and Telegraph Co. Sunset Telephone and Telegraph Co. Sunset Telephone and Telegraph Co. Asheville Telephone and Telegraph Co. Asheville Telephone and Telegraph Co. Southern Bell Telephone and Telegraph Co. The Bell Telephone Co. of Philadelphia Northwestern Telephone Exchange Co. The Colorado Telephone Exchange Co. The Colorado Telephone Co. Southern Bell Telephone and Telegraph Co. Central Union Telephone Co. Central Union Telephone Co. Central Union Telephone Co. Cumberland Telephone Co. Kinloch Telephone Co. Kinloch Telephone Co. Kinloch Telephone Co. Kinloch Telephone Co. Interstate Telephone and Telegraph Co. Interstate Telephone and Telegraph Co. Interstate Telephone Co. Fernsylvania Telephone and Telegraph Co. Interstate Telephone Co. Central Union Telephone Co. Cumberland Telephone and Telegraph Co. Interstate Telephone Co. Cumberland Telephone and Telegraph Co. Interstate Telephone Co. Countern Bell Telephone and Telegraph Co. Interstate Telephone Co. Countern Bell Te	do	20 118 10
	P. A. Willis	do	10
	D. B. Dodge	do	59 90
	T. B. Catron	do	105
	B. S. Williams	do	73
	Empire Building Trust	do	279 60 74
	K. F. Coke	do	60

Date.	Name.	Nature of payment.	Tot
1904.	The Chemical Building Co. City of Palestine, Tex Estate of J. G. Hatch W. Talbot H. H. Taylor, agent Mills Building A. Marty E. Cuthbertson The Hayden Co. C. J. Buell Title Guarantee Loan and Trust Co. O. I. Taylor Cheboygan Light, Power and Rwy. Co. The Milwaukee Electric Rwy. and Light Co. Edison Sault Electric Co. The Milwaukee Electric Rwy. and Light Co. Charleston Consolidated Gas and Electric Co. St. Louis Toilet Supply Co. The Towel Manufacturing Co. (Limited) J. H. Groot Muckermann Ice and Coal Co. W. B. Lount The Schnepp & Lauer Co. Libbie Wilson McEwer & Lauver J. C. Reherd J. A. Robert do. Justinian Caire Co.		
n. 11	The Chemical Building Co	Telephone service	\$4
	City of Palestine, Tex	do	1
	Estate of J. G. Hatch	do	6
	H H Taylor agent Mills Building	do	15 65 16
	A. Marty	do	1/
	E. Cuthbertson	do	1.
	The Hayden Co	do	3
	C. J. Buell	do	
	O I Taylor	do	1
	Chehovgan Light Power and Rwy Co	Electric light	
	The Milwaukee Electric Rwy, and Light Co.	do	
	Edison Sault Electric Co	do	
	The Milwaukee Electric Rwy. and Light Co.	do	
	Charleston Consolidated Gas and Electric Co.	do	
	St. Louis Toilet Supply Co.	Town corried	
	The Towel Manufacturing Co. (Limited)	do	
	J. H. Groot.	do	
	Muckermann Ice and Coal Co	Ice	
	W. B. Lount	do	
	Libbio Wilson	Washing towels	
	McEwer & Lauver	Wood	
	The Schnepp & Lauer Co Libbie Wilson McEwer & Lauver J. C. Reherd J. A. Robertdo Justinian Caire Co. Goodyear Rubber Co. W. E. Keller Standard Oil Co. The A. Leitz Co. T. Murphy. Board of Public Works P. Connor P. McDonough E. H. Nimmo A. F. Sims F. H. Brandenburg A. C. Pickels C. H. Richardson D. Cuthbertson J. W. Smith Paul De Graw J. H. Smith Paul De Graw J. H. Smith Pensacola, substations C. Sevilla C. A. Blumner W. Ellis C. W. Schmid Pennsylvania R. R. Co Star Union Line St. Louis Southwestern Rwy. Co. R. A. Shaw O. W. Byedo H. A. Poole G. Beesley J. A. Green City of Asheville A. L. Petrie W. S. Dodge Yates & Co Stringfellow Drug Co Yund & Churchill W. L. Miller E. S. Hughes & Co F. H. Brandenburg P. A. F. Walter, postmaster O. G. Skylstead A. Midgett A. Stange The J. M. Klein Electrical Works Filint & Walling Manufacturing Co	Repairing file case	
	J. A. Robert	Constructing shelter	2
	do	Placing molding on walls	
	Justinian Caire Co	Copper wire	
	W F Koller	Rangiring instrument shelter	
	Standard Oil Co.	Oil	
	The A. Leitz Co	Compass, pen, and pencil	
	T. Murphy	Repairing windlass	
	Board of Public Works	Water supply	
	P. Connor.	Car lare	
	E H Nimmo	Washing towals	
	A. F. Sims	Dravage.	
	F. H. Brandenburg	Drayage and oil	
	A. C. Pickels	Traveling expenses	
	C. H. Richardson	do	
	T W Smith	do	:
	Paul De Graw	do	
	J. H. Smith	do	
	Pensacola, substations	Pay roll	
	C. Sevilla	Services	
	W. Fllic	do	
	C W Schmid	do	
	Pennsylvania R. R. Co	Freight charges	
	Star Union Line	do	
	St. Louis Southwestern Rwy. Co	Classica mathematical	
	K. A. Snaw	Greening weather map	
	do do	Renairing telegraph line	
	H. A. Poole	do	
	G. Beesley	do	
	J. A. Green	do	
	City of Asheville	Disinfecting office	
	W. S. Dodge	Erecting tower	
	Vates & Co	Oil	,
	Stringfellow Drug Co.	do	
	Yund & Churchill	Repairing clock	
	W. L. Miller	Repairing desk	
10	E. S. Hughes & Co.	Traveling expenses	
12	P A F Walter postmoster	Post-office box rent	
	O. G. Skylstead	Coal hod	
	A. Midgett	Horse hire and services	
	A. Midgett. A. Stange. The J. M. Klein Electrical Works. Flint & Walling Manufacturing Co. A. F. Loden. Alexander Yost Co. T. G. Hazard, jr. F. C. Serenson.	Repairing telegraph line.  Copper wire and dry cells.  Storm-warning tower.  Chairs.  Screw-drivers.  Sewer connections.  Reparating instrument shelter.	
	The J. M. Klein Electrical Works	Copper wire and dry cells	27
	Fint & Walling Manufacturing Co	Storm-warning tower	27
	Alexander Vost Co	Screw-drivers	,

Date.	Name.	Nature of payment.	Total.
1904			
n. 12	The Columbia Stove Co	Grate bars	\$19.
	F. Weber & Co	Section liners	5.
	Pacific States Tolophone and Tolograph Co	Telegraph services	5. 100. 13.
	New England Telephone and Telegraph Co	do	2.
	Great Northwestern Telegraph Co. of Canada	do	158
	The Columbia Stove Co. F. Weber & Co. R. H. Thoenen. Pacific States Telephone and Telegraph Co. New England Telephone and Telegraph Co. Great Northwestern Telegraph Co. of Canada The Central District and Printing Telegraph Co.	do	158, 17,
	Co. Choctaw, Oklahoma and Gulf R. R. Co. American Toilet Supply Co. J. E. Garrett. J. F. Beek. S. J. Nathans. Grant Rivenburg. Consumers Ice Co. City Delivery Co. Statesman Printing Co. Indianapolis Light and Gas Co. W. S. Bricker. J. F. Byrne. Charleston Consolidated Gas, Rwy., and Electric Co.	do	9. 2. 3.
	American Toilet Supply Co	Towel service	2.
	J. E. Garrett.	Washing towels	
	J F. Beck	do	3.
	Grant Rivanhurg	do	
	Consumers Ice Co.	do	6
	City Delivery Co.	do	6 4 69
	Statesman Printing Co	Printing climate and crop reports.	69.
	Indianapolis Light and Gas Co	Electric light	18 12 12
	W. S. Bricker	Electric current	12
	Charleston Consolidated Gas Rwy and	Electric light	8
	Electric Co.	Ziootio ngiittiinii	· ·
	E. A. Borne	do	27
	Kenosha Gas and Electric Co	do	17
	A. Hamack	do	17 11 4
	Charleston Consolidated Gas, Kwy., and Electric Co.  E. A. Borne. Kenosha Gas and Electric Co.  A. Hamack. Astoria Electric Co. Green Bay Light and Power Co. Alpena Electric Light Co. F. D. Miracle.  Board of County Commissioners. Asheville Library Association. Society for Savings. Chicago Auditorium Association. J. K. Porter. Fayette Home Telephone Co. New England Telephone and Telegraph Co. Southern States Telephone Co. Est Tennessee Telephone Co. E. V. Hauser. New England Telephone and Telegraph Co. Duluth Telephone Co. The Gordon Telephone Co. The Grand Telephone Co. The City and Suburban Telegraph Association. Wytheville Telephone Co.	do	6
	Alpena Electric Light Co.	do	4
	F. D. Miracle	Office rent	6 4 147
	Board of County Commissioners	do	67
	Asheville Library Association	do	75 285
	Chicago Auditorium Association	do	280 437
	J. K. Porter	do	437 150
	Favette Home Telephone Co	Telephone services	4
	New England Telephone and Telegraph Co	do	14
	Southern States Telephone Co	do	9
	East Tennessee Telephone Co	00	9 10
	New England Telephone and Telegraph Co	do	8
	Duluth Telephone Co.	do	12 12
	The Gordon Telephone Co	do	12
	Zenith City Telephone Co	do	$\begin{array}{c} 7 \\ 21 \end{array}$
	tion.		21
	Wytheville Telephone Co. The Bell Telephone Co. of Missourido.	do	3
	The Bell Telephone Co. of Missouri	do	22 6
	do	do	6
	New Telephone Co	do	10
	Southern Bell Telephone and Telegraph Co.	do	25 21
	The Gordon Telephone Co.	do	9
	Southern Bell Telephone and Telegraph Co	do	15 12
	Rocky Mountain Bell Telephone Co	do	12
	The Bell Telephone Co. of Missouridododo. Pacific States Telephone and Telegraph Co. Southern Bell Telephone and Telegraph Co. The Gordon Telephone Co. Southern Bell Telephone and Telegraph Co. Rocky Mountain Bell Telephone Co. Souste Telephone and Telegraph Co. East Tennessee Telephone and Telegraph Co. Southern Bell Telephone and Telegraph Co. Cumberland Telephone and Telegraph Co. Cumberland Telephone Co. The Bell Telephone Co. of Buffalo East Tennessee Telephone Co. York State Telephone Co. New York and Pennsylvania Telephone and Telegraph Co.	do.	6
	Southern Bell Telephone and Telegraph Co	do.	12 21 21
	Black Hills Telegraph and Telephone Co	do	21
	Pacific States Telephone and Telegraph Co	do	39
	Southern Bell Telephone and Telegraph Co	do	12 19
	The Rell Telephone Co. of Buffelo	do	30
	East Tennessee Telephone Co.	do	33
	York State Telephone Co	do	33 7 7
	New York and Pennsylvania Telephone and	do	7
	New York Tolophone Co	do	
	Citizens Telephone Co	do	60
14	New York and Pennsylvama Telephone and Telegraph Co. New York Telephone Co. Citizens Telephone Co. Providence Telephone Co. The Consolidated Telephone Companies of Pennsylvania.	Repairing telegraph line	420
	The Consolidated Telephone Companies of	Telephone services	13. 420. 9.
	Pennsylvania.	With 1 1 1	
	D. Carpenter	Window shades	13
	I. F. Myers	Sarvices	1 15
	M. A. Webster	do	15
	The Consolidated Telephone Companies of Pennsylvania. D. Carpenter. Pacific States Telephone and Telegraph Co J. F. Myers. M. A. Webster. S. W. Lightner. L. C. Collins. J. E. Harris, jr. N. W. Wagner.	do.	30.
	L. C. Collins	do	23.
	J. E. Harris, ir	do	16

Date.	Name.	Nature of payment.	Tota
1904.	Alpena, substations Buffalo, substations Chicago, substationsdo Duluth, substationsdo Duluth, substations Louisville, substations Louisville, substations Norfolk, substations Norfolk, substations Parkersburg, substations Parkersburg, substations Philadelphia, substations Philadelphia, substationsdo Port Huron, substationsdo J. R. Hey J. C. Reherd H. J. Ledoux McCormick & Bates Empire Transfer Co The French Telegraph-Cable Co W. J. Crawford L. Hendricks T. J. Tillett Nashville Gas Co The Peoples' Gas Light and Coke Co Standard Gas and Electric Co Di Giorgia Importing and Steamship Co Spokane Falls and Northern Rwy. Co D. W. King Nashville Laundry Co Williamson Towel Supply Co Charlevoix Electric Light Co Stearns Electric Light and Power Co W. V. Hughes Gloucester Electric Co M. E. Conway Northwestern Mutual Life Insurance Co E. S. Allen Citizens' Telephone Co of Muskegon Cumberland Telephone Co The Central District and Printing Telegraph Co The Colorado Telephone Co Southwestern Telegraph and Telephone Co		
an. 14	Alpena, substations	Pay roll.	\$8
	Buffalo, substations	do	\$8 13
	Chicago, substations.	do	493
	Charleston, substations	do	493 30 8
	Duluth, substations	dodo	11
	Jacksonville, substations	do	7.
	Louisville, substations	do	6
	New Haven, substations	do	4
	NOTIOIK, SUBStations	do	120
	Philadelphia substations	do	8
	do	do	6
	Port Huron, substations	do	17 9
	Vicksburg, substations	do	9
	J. R. Hey	Painting instrument shelter	9
	H Rooker	Oil	3
	H. J. Ledoux	Drinking water	1
	McCormick & Bates	Drayage	
	Empire Transfer Co	do	
	The French Telegraph-Cable Co	Telegraph services	5
	W. J. Crawiord	Beneiring telegreph line	5
	T. J. Tillett	Horse hire	
	Nashville Gas Co.	Gas	1
	The Peoples' Gas Light and Coke Co	do	1
	Standard Gas and Electric Co	do	1
	Spokene Fells and Northern Pwy Co	Passenger transportation	3
	Boltimore and Ohio Southwestern Rwy Co	do	
	D. W. King	Washing towels	
	Nashville Laundry Co.	Towel service	
	Williamson Towel Supply Co	do	
	Charlevoix Electric Light Co	Electric light	1
	W W Hughes	do	1
	Gloncester Electric Co	do	2
	M. E. Conway	Office rent.	3
	Northwestern Mutual Life Insurance Co	do	2 3 12
	E. S. Allen	Telephone services	
	Citizens' Telephone Co. of Muskegon	do	
	The Control District and Printing Tolograph	do	2 3
	Co.		
	The Colorado Telephone Co	do	1
	Southwestern Telegraph and Telephone Co	do	1
	Nebraska Telephone Co	do	2
	New England Telephone and Telegraph Co.	00	1 1 1
	Telegraph Co		1
	Williston Telephone Exchange	do	
	Cumberland Telephone and Telegraph Co	do	2
	Ontario Telephone Co.	do	1
	Hudson River Telephone Co	do	1
	New York, substations	Pay roll	1 3
	Macon, substations	do	5
	E. H. Emery	Station expenses	1 2
	do	do	2
	L. N. Jesunoisky	Drayage	
	F Z Gosewisch	Drayage and gasomie	
	F. H. Clarke	Dravage, etc.	
	R. M. Small	Drayage	
	G. W. Felger	do	12
	Now England Tolophone and Tolograph Co	Tolophono sorvices	12
	Southern Bell Telephone and Telegraph Co.	do	1
	Central New York Telephone and Telegraph	do	1 2
	The Central District and Printing Telegraph Co. The Colorado Telephone Co. Southwestern Telegraph and Telephone Co. New Sant Telephone Co. New England Telephone and Telegraph Co. New York and Pennsylvania Telephone and Telegraph Co. Williston Telephone Exchange. Cumberland Telephone and Telegraph Co. Ontario Telephone Co. Missouri and Kansas Telephone Co. Hudson River Telephone Co. Hudson River Telephone Co. Hudson, substations E. H. Emery do. L. N. Jesunofsky J. R. Weeks. F. Z. Gosewisch F. H. Clarke R. M. Small G. W. Felger D. Horton. New England Telephone and Telegraph Co. Southern Bell Telephone and Telegraph Co. Central New York Telephone and Telegraph Co. Lowa Telephone Co.		
	Iowa Telephone Co The Empire State Telephone and Telegraph	do	1
	Cherry County Telephone Co Nebraska Telephone Co Dakota Central Telephone Lines (Incorpor-	do	1
	Dakota Central Telephone Lines (Incorpor-	Telegraph services	8
	a.ted).		
	Lake Cities Electric Rwy. Co. Phœnix Light and Fuel Co.	Electric light	1

te.	Name.	Nature of payment.	Tota
04.			
14	Asheville Electric Co. Port Huron Light and Power Co. Benton Harbor and St. Joseph Electric Rwy. and Light Co.	Electric light	S
	Port Huron Light and Power Co	do	(
	Benton Harbor and St. Joseph Electric Rwy.	do	15
	and Light Co.	Electric current	13
	The Raleigh Electric Co	do	14
	Jacksonville Towei Co.	Towel services.	É
	Eastern Towel Supply Co	do	(
	Omaha Towel Co	Washing towels	
	A. Lynn e'Hijos de Perez Moris	Printing climate and crop reports.	78
	The Consumers Co.	Ice	
	Peleg Brown	Repairing telegraph line	
	and Light Co. Lincoln Traction Co. The Raleigh Electric Co. Jacksonville Towei Co. Eastern Towel Supply Co. Omaha Towel Co. A. Lynn e'Hijos de Perez Moris A. E. Peterson. The Consumers Co. Peleg Brown. Lehigh Valley R. R. Co. Mobile and Ohio R. R. Co. San Pedro, Los Angeles and Salt Lake R. R. Co.	Passenger transportation	4
	Mobile and Onio R. K. Co.	do	13
	Co.		1.0
	Narragansett Pier R. R. Co	do	
18	Cairo, substations.	Pay roll	155
	Atlanta, substations	do	30
	Cleveland, substations	.do	72 21
	Harrisburg, substations	do	10.
	Mobile and Ohio R. R. Co. San Pedro, Los Angeles and Salt Lake R. R. Co. Narragansett Pier R. R. Co. Cairo, substations Atlanta, substations Mobile, substations. Cleveland, substations. Cleveland, substations. Harrisburg, substations. Harrisburg, substations. Wilmington, substations Wilmington, substations St. Louis, substations St. Louis, substations St. Louis, substations Portland, Oreg., substations Atlanta, substations. Cincinnati, substations E. B. Calvert F. J. Walz J. F. Cotter R. J. McMaster W. A. Crawford C. P. Blachly F. C. Hetbel G. N. Wilson H. C. Howe S. W. Glenn J. Fitzgerald New England Telephone and Telegraph Co. Southern Bell Telephone and Telegraph Co. Ounion Trust Co., Detroit Missouri and Kansas Telephone Co. Central Union Telephone Co. Central Union Telephone Co. Coumberland Telephone and Telegraph Co. Ohio River Telephone and Telegraph Co. Ohio River Telephone and Telegraph Co. Northwestern Telephone Co. Counious Tilephone and Telegraph Co. Northwestern Telephone Co. Counious Citizens' Telephone Co. The Twin City Telephone Co. The Twin City Telephone Co. The Twin City Telephone Co. Columbus Citizens' Telephone Co. Frankfort Electric Light and Power Co. O. C. G. Urban The Agricultural and Mechanical College of Kentucky. Muskegon Traction and Lighting Co. Red Wing Gas and Electric Co.	do	150
	Wilmington, substations	do	7: 12:
	Portland Oreg substations	. do	12.
	Atlanta, substations	do	8: 8: 18'
	Cincinnati, substations	do	18
	E. B. Calvert	Traveling expenses	1.
	I F Cottor	Sarviage	7:
	R. J. McMaster.	do	1.
	W. A. Crawford	do	
	C. P. Blachly	do	9
	G N Wilson	Drovega	
	H. C. Howe	do	
	S. W. Glenn	Painting instrument shelter	
	J. Fitzgerald.	Station expenses	
	New England Telephone and Telegraph Co	Telephone service	29
	Union Trust Co. Detroit	do	10
	Missouri and Kansas Telephone Co	do	30
	Central Union Telephone Co.	do	18
	Cumberland Telephone Exchange Co	do	21 16
	Ohio River Telephone Co	do :	18
	Louisville Home Telephone Co	do	12 13
	Georgia Telephone and Telegraph Co	do	18
	Northwestern Tolophone Exchange Co	do	18
	The Cleveland Telephone Co	do	35
	Columbus Citizens' Telephone Co	do	35 10
	The Twin City Telephone Co.	do	12
	Home Talephone Co	do	1
	Consolidated Telephone Co.	do	
	Fall River Electric Light Co	do	16
	Frankfort Electric Light Co.	Electric light	12 18
	Manistee Gos and Floetwin Co	do	18
	Electric Lighting Co. of Mobile	do	
	Rockingham County Light and Power Co	do	2
	O. C. G. Urban	do	21 21 12
	The Agricultural and Mechanical College of	do	3
	Muskegon Traction and Lighting Co.	do	7
	Red Wing Gas and Electric Co	do	
	People's Gas and Electric Co., of Oswego	do	16
	Townsend Gas and Electric Co	do	21
	Nashville Rwy and Light Co	Floatric current	21
	Minneapolis General Electric Co.	do	15 15
	D. Moyen.	Washing towels	6
	The Agricultural and Mechanical College of Kentucky.  Muskegon Traction and Lighting Co Red Wing Gas and Electric Co., of Oswego Townsend Gas and Electric Co., of Oswego Townsend Gas and Electric Co. Sociedad Anonima Luz Electrica. Nashville Rwy. and Light Co. Minneapolis General Electric Co. D. Moyen Long's Towel Supply. Munger's Laundry Co. Buffalo Gas Co. W. A. Johnson & Co. H. Bolton	do	6
	Munger's Laundry Co.	Towel supply	6
	W 4 Johnson & Co	Painting roof ata	4 65 52
		I amiting 1001, Cit	O.

WEATHER BUREAU, GENERAL EXPENSES-	-Continued.
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Date.	A. B. Smith. A. M. Ferguson. C. E. Purdy. Clem Jaycocks J. C. Linne. L. H. Jones. Milner & Ebert. Barnhart Bros. & Spindler. Illinois District Telegraph Co. A. L. Walker. Hoke Engraving Plate Co The Direct West India Cable Co. Fostal Telegraph Cable Co. Orostal Telegraph Cable Co. Orostal Telegraph Cable Co. Facing Estates Telephone and Telegraph Co. The Direct West India Cable Co. Fostal Telegraph Cable Co. Orostal Telegraph Co. The Cubas Spacific Rwy. Co. Missouri, Kansas and Texas Rwy. Co. Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co. The Cuba Co. Adams Express Co. New Orleans and Northwestern R. R. Co. Rome, Watertown and Ogdensburg R. R. Erie R. R. Co. Louisville and Atlantic R. R. Co. Willis L. Moore. Fraternal Hall Association Union Trust Co., Detroit	Nature of payment.	Tota
1904.			
n. 18	A. B. Smith	Office rent	\$8
	A. M. Ferguson	Mowing grass, etc	1
	C. E. Purdy.	Erecting tower	1 5
	Clem Jaycocks	Ice	
	J. C. Linne	Boxing cable and storing	1
	Milner & Ehert	Oil	
	Barnhart Bros & Spindler	Printing supplies	
	Illinois District Telegraph Co.	Delivering bulletins	1
	A. L. Walker	Repairing flagstaff	î
	Hoke Engraving Plate Co	Gas stove	1
	The Direct West India Cable Co	Telegraph services	15
	Postal Telegraph Cable Co	do	3
	Towa Telephone Co	do	
	Pacific States Tolophone and Tolograph Co	do	1
	The Texas Pacific Rwy Co	Passenger transportation	1
٠,	Missouri, Kansas and Texas Rwy, Co.	do	
	Pittsburg, Cincinnati, Chicago and St. Louis		
	Rwy. Co.	do	1
	The Cuba Co	do	1
	Adams Express Co.	Express charges	
	New Orleans and Northwestern R. R. Co	Freight charges	
	Rome, watertown and Ogdensburg R. R	00	
	Louisville and Atlantic R. R. Co.	do	
	Willis L. Moore	Traveling expenses	1
	Fraternal Hall Association.	Office rent	10
	Union Trust Co., Detroit	Telephone services	
	do	do	
	Southwestern Telegraph and Telephone Co	do	
	City of Lake	Electric light	,
	City of South Haven	do	1
	The Union Ice Co	Too	,
	Consumers' Ice Co	do	
	Capital Ice Co.	do	
	Cumberland Telephone and Telegraph Co	.Telephone services	16
	E. P. Jones	Office rent	2
	J. W. Byram	Station expenses	4
	Augusta, substations	Pay roll	4
	Albany, substations	do	5
	Little Poels substations	dodo	11
	Montgomery substations	do	6
	Memphis, substations	do	5
	New Orleans, substations.	do	11
	Portland, Me., substations	do	9
	C. P. Searle	Services	3
	J. Hyslop	do	3
	J. W. Bauer	Ice, drayage, etc	6
	C P Disper	Sorvings	2
	D Cuthbertson	Traveling expenses	
	J. P. Slaughter	Dravage, etc	
	G. N. Salisbury	Drayage	
	R. M. Hardinge	do	19 15
	Los Angeles Trust Co	Office rent	19
	Department of the interior of Porto Rico	do	15
	First National Bank	do	12
	C. Baldwin	00	11
	W H Donn	dodo	7
	Cleary Bros	do	13
	Southern Bell Telephone and Telegraph Co	Telephone services	1
	Southwestern Telegraph and Telephone Co	do	7 13 1
	Cumberland Telephone and Telegraph Co	do	4
	Southern Bell Telephone and Telegraph Co	do	4
	People's Telephone and Telegraph Co	do	
	O. C. G. Urban	Electric light	
	Mutual Light and Water Co	The trie comment	0
	Duluth General Electric Co	Electric current	2
	Harry Portor	Saran books	2
	C R Little	Water supply	1
	Robert Little	Dravage	1
	Geo. F. Muth & Co.	Benzine, etc	2
	A. O. Hutterly	Repairing clock	
	Postal Talagraph Cable Co	Telegraph services	58 3

ate.	Name.	Nature of payment.	Total.
904.			
1. 18	James Miller	Repairing tower	\$25.
	W. S. Palmer	Station expenses	10.
	James Miller W. S. Palmer L. H. Murdoch The Wabash R. R. Co Union Pacific R. R. Co Southern Rwy. Co Corvallis and Eastern R. R. Co Home Telephone Co Cleveland, Cincinnati, Chicago and St. Louis Rwy. C	Passenger transportation	19. 15.
	Union Pacific R. R. Co.	do	24.5
	Southern Rwy. Co	do	35.
	Corvallis and Eastern R. R. Co	Telegraph services	2. 10.
	Clayeland Cincipnati Chicago and St. Louis	Eroight charges	2.
	Cleveland, Čincinnati, Chicago and St. Louis Rwy. Co. New York and Cuba Mail S. S. Co. F. S. Webster Co. A. S. Cook. Wm. Curry's Sons Joseph Bryan Wisconsin Telephone Co. East Tennessee Telephone Co. Dubuque Telephone Co. Santa Fe Electric Telephone Co. R. L. Lewis Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co. A Klein	Freight charges	
	New York and Cuba Mail S. S. Co	Donairin a 4-manifest	2.:
	A S Cook	Office rent	90.
	Wm. Curry's Sons	do	24.
	Joseph Bryan.	do	150.
	Wisconsin Telephone Co	Telephone services	3.
	East Tennessee Telephone Co	do	15.
	Dubugua Talanhana Ca	do	4.
	Santa Fa Flactric Telephone Co	do	6.
	R. L. Lewis	do	6. 24. 14.
	Minneapolis, St. Paul and Sault Ste. Marie	do	14.
	Rwy. Co.		
	A. Klein	Washing towels	2.
	R. G. Thomas	do	3. 62.
	The Creet Northern Pary Co	Passenger transportation	02.
	R. W. Co. A. Klein R. G. Thomas The Pennsylvania R. R. Co. The Great Northern Rwy. Co. Cleveland, Cincinnati, Chicago and St. Louis	do	22. 3.
	Rwy. Co.		0.
	The Baltimore Steam Packet Co	do	3.
	Louisville and Nashville R. R. Co	do	5.
	A. F. Outerbridge & Co	do	35.
	Northern Pecific Pres. Co	do	94. 4.
	A Midgett	Renairing telegraph line	2.
	H. A. Brossard.	Dravage	5.
	C. C. Ball	Oil	12.
	Addressograph Co	Pad holder, etc.	5. 12. 1.
	Lefebore Lumber Co	Office chair	4.
	P H Vormable	Posseting rollors	39. 3.
	C. H. Williams Electric Co.	Installing battery	3.
	Wabash R. R. Co.	Freight charges	1.
	Denver and Rio Grande R. R. Co	do	5. 11.
	Norfolk and Southern R. R. Co	do	11.
	Virginia and Truelzoo P. P. Co.	do	:
	Chicago, Burlington and Quincy Rwy Co	do	1.
	Consolidated Electric Light Co	Electric light	1. 37.
	Paul De Graw	Traveling expenses	58. 15.
	Mill Valley and Mount Tamalpais Scenic Rwy.	Services	15.
	Louis Dorman	Drayage	10.
	Galveston substations	Pay roll	10.
	Chattanooga, substations.	do	139
	The Great Northern Rwy. Co. Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co. The Baltimore Steam Packet Co. Louisville and Nashville R. R. Co. A. F. Outerbridge & Co. Baltimore and Ohio R. R. Co. Northern Pacific Rwy. Co. A. Midgett. H. A. Brossard. C. C. Ball. Addressograph Co. Lefebore Lumber Co. Loring & Co. (Incorporated). R. H. Vorpahl. C. H. Williams Electric Co. Wabash R. R. Co. Denver and Rio Grande R. R. Co. Norfolk and Southern R. R. Co. Norfolk and Southern R. R. Co. Virginia and Truckee R. R. Co. Chicago, Burlington and Quincy Rwy. Co. Consolidated Electric Light Co. Paul De Graw. Mill Valley and Mount Tamalpais Scenic Rwy. Louis Dorman. J. M. Watson. Galveston, substations Baltimore, substations Baltimore, substations Baltimore, substations Fort Smith, substations	do	253. 139. 386.
	Baltimore, substations Fort Smith, substations Improvement Loan and Trust Co. Mill Valley and Mount Tamalpais Scenic Rwy.	do	90.
	Fort Smith, substations.	Office want	39. 206. 105.
	Mill Velley and Mount Templagis Scanic Down	Onice rent	206.
	L. A. Brown	Box	105.
	Max Levy	Electric current	5. 30.
20	Beil & Dilling	Erecting tower	48.
23	J. P. Slaughter	Traveling expenses	3.
	La Crosse, substations	Pay roll	65. 120.
	Boston, substations	do	120.
	J. F. Newsom.	Dravage	1.00.
	A. G. Burns	Station expenses	1.
	A. E. Hackett	Drayage	9.
	Mill Valley and Mount Tamalpais Scenic Rwy. L. A. Brown Max Levy Beil & Dilling J. P. Slaughter La Crosse, substations Raleigh, substations Boston, substations J. F. Newsom A. G. Burns A. E. Hackett E. R. Demain F. P Chaffee	Station expenses	3.
	F. P. Chaffee J. M. Sherrier J. L. Cline	Drayage Street-car fare. Station expenses.	3.
	J. L. Cline	Station expenses	5.
	M. W. Hayes S. W. Glenn W. T. Blythe J. W. Smith R. G. Allen H. D. Pillichody	Dravage	5. 7. 5.
	S. W. Glenn	Express charges	9.
	W. T. Blythe	Drayage	27.
	J. W. Smith	do	9.
	D C Allon	3 -	19.

Date.	Cumberland Telephone and Telegraph Co Rocky Mountain Bell Telephone Co Bell Telephone Co of Buffalo. Cumberland Telephone and Telegraph Co Amarillo Telephone Exchange. Maryland Telephone and Telegraph Co The Chesapeake and Potomac Telephone Co. Cumberland Telephone and Telegraph Co The Chesapeake and Potomac Telephone Co. Southwestern Telegraph and Telephone Co. Southwestern Telephone Co Morgan City Improvement Co. (Limited). Nantucket Gas and Electric Co. Jacksonville Telephone Co. Morgan City Improvement Co. (Limited). Nantucket Gas and Electric Co. The United Electric Light and Power Co. Duluth General Electric Co. Cumberland Telephone and Telegraph Co. J. T. Harper. J. E. Dooley. American Linen Supply Co. Baltimore Towel Supply Co. C. A. Johnson. Galveston Gas Co. Norfolk and. Western Rwy. Co. Wm. A. Robinson. E. M. Depew. Cutrell & Leffingwell. W. H. H. Smith. F. M. McKeough H. B. Hartman. J. P. Nawrath. Erie and Western Transportation Co. Boulton, Bliss & Dallettdo. Detroit and Mackinae Rwy. Co. The Denver and Rio Grande R. R. Co. Washington Southern Rwy. Co. Alabama and Vicksburg Rwy. Co. D. P. McCallumdo. A. McC. Ashley. Frank Jermin. L. M. Pindell H. B. Hersey. Boston, substations. The Washington County Telephone Co. Chicago Telephone Co. Southern Bell Telephone and Telegraph Co. Forsberg & Murray. The Murray. The Monsolidated Gas Company. H. E. Hobbs C. C. Garrett. Clinckett & Coates. M. E. Shelden. Chamber of Commerce Building Co. Southern Bell Telephone and Telegraph Co. P. McCallum. W. C. Devereaux. Bossnot & Fuller. The Consolidated Gas Company. H. E. Hobbs C. C. Garrett. Clinckett & Coates. M. E. Shelden. Chamber of Commerce Building Co. Southern Bell Telephone and Telegraph Co. Palestine Telephone Co. Cumberland Telephone and Telegraph Co. Amarillo Water, Light, and Power Co. Board of Public Service, Lighting Department. The Cuba Central Rwys. (Limited). The H. & W. B. Drew Co.	Nature of payment.	Total
1904.			
n. 23	Cumberland Telephone and Telegraph Co	Telephone services	\$74. 31.
	Rocky Mountain Bell Telephone Co	do	31.
	Bell Telephone Co., of Buffalo	do	10.
	Amarilla Telephone Exchange	do	9.
	Maryland Telephone and Telegraph Co	do	18.
	The Chesapeake and Potomac Telephone Co	do	31 12 6
	Cumberland Telephone and Telegraph Co	do	12
	Diamond State Telephone Co	do	6
	Southwestern Telegraph and Telephone Co	do	21
	Southern Bell Telephone and Telegraph Co	do	15 7 7
	Morgan City Improvement Co. (Limited)	Floatrie light	7
	Nantucket Gas and Electric Co.	do	20
	Annapolis Gas and Electric Light Co	do	9
	The United Electric Light and Power Co	do	9
	Duluth General Electric Co	Electric current	. 7
	Cumberland Telephone and Telegraph Co	Telegraph services	109
	Knox Telephone and Telegraph Co	do	3
	J. T. Harper	00	31 150 3 2 3
	American Lines Gunnly Co.	Towel supply	190
	Reltimore Towel Supply Co.	do do	9
	C. A. Johnson	Washing towels	3
	Galveston Gas Co.	Gas	10 7 6
	Norfolk and. Western Rwy. Co	Passenger transportation	7
	Wm. A. Robinson	Repairing flagstaff	6
	E. M. Depew	Platen	75 12
	Cutrell & Lethngwell	Transportation	10
	W. H. H. Smith	Perceting rellers	12
	H B Hartman	Drinking water	4
	J. P. Nawrath	Twine	98
	Erie and Western Transportation Co	Freight charges	1
	Boulton, Bliss & Dallett.	do	1
	do	do	2
	Detroit and Mackinac Rwy. Co	do	2
	The Denver and Rio Grande R. R. Co	do	4
	Washington Southern Rwy. Co	do	i
	D. P. McCellum	Traveling avnances	F
	do .	Renairing thermograph clock	1
	A. McC. Ashley	Dravage	ç
	Frank Jermin	Dravage, etc	9
	L. M. Pindell	Station expenses	5
	H. B. Hersey	Drayage, etc	789
	Boston, substations.	Pay roll	789
	The Washington County Telephone Co	. Telephone services	6
	Chicago Tolophone Co	do	105 6 8
	Southern Bell Telephone and Telegraph Co	do	7
	Forsherg & Murray	Constructing smokestack	284
	The Maurice Jovee Engraving Co.	Photo-engraving plates	78 222
	do	do	222
	D. P. McCallum	Subsistence	57
	W. C. Devereaux	Subsistence, etc	48 78
	Bossnot & Fuller	. Kemoving omce, etc	75
	H E Hobbs	Traveling expenses	19
	C C Garrett	Dravage and washing towels	13
	Clinckett & Coates	Office rent	69
	M. E. Shelden	do	98
	Chamber of Commerce Building Co	do	98 18
	Southern Bell Telephone and Telegraph Co	. Telephone services	18
	Rocky Mountain Bell Telephone Co	do	15
	Cumberland Telephone and Telegraph Co	do	18 12 9
	The Citizens' Gas and Floatric Co	Electric light	16
	The Commercial Electric Co	do	16
	Amarillo Water, Light, and Power Co	do	18 11
	Board of Public Service, Lighting Depart-	do	11
	ment.		
	The Cuba Central Rwys. (Limited)	Passenger transportation	63 63
	The H. & W. B. Drew Co.	Printing climate and crop bulle-	68
	D	tins.	16
	Baumgardt Publishing Co Julien P. Friez do do John C. Parker	Thormometer supports	106
	do	Covers for triple registers	16 106 41
	do	Instruments and repairs.	606

Date.	Name.	Nature of payment.	Total.
1904.			
Jan. 23	John C. Parker F. Weber & Co E. P. Howell	Adding machine Celluloid rules	\$5.0 2.0
	F. Weber & Co	Celluloid rules	2.0
			6.0
	W. F. Hooper	Repairing clock Erecting coal bin, etc. Steam heat and electric light.	26. 5
	Norwich University	Steam heat and electric light	26.50 21.50
	W. B. Moses & Sons	Wardrobe	11. 7. 32. 0 1. 6 1. 7.
	John A. Roebling's Sons Co	Telegraph wire	32.0
	R Hoe & Co	Patent galley	1.0
	F. F. Bossuot	Drayage.	4. U
	Queen & Co. (Incorporated)	Nitric acid	2. 1 2. 2
	Minneapolis General Electric Co	Relocating motor	2.2
	C. F. Marvin	Traveling expenses	18.0
	J. C. Hayden	Dravage	2.0
	T. P. Simpson	Cement	16. 2 2. 0 10. 0
	Northwestern Telephone Exchange Co	Telephone services	32,3
	Morthes Viroyard Tolograph Co	Tolograph sarvios	30.0 45.1
	Ocean Tow Boat Line	do	12.0
	Pacific States Telephone and Telegraph Co	do	14. 2
	Rising Sun Telegraph Line	do	14. 2 2. 6 17. 8 . 2 3. 0
	The Huron Village Electric Light Plant	Electric light	17.8
	M T Hayden	wasning towels	3.0
	E. B. Richards	Express charges, etc.	8.5
	L. S. Woodhouse	Horse hire	8.5 2.0
	W. E. Prudhomme	Binding records	2. 5
	Chadwick-Swaim Furniture Co	Repairing chairs	5.4
	H. H. Buhne	do	3.5
	W. S. Simpson	Services and horse hire	2, 5
	Hoke Engraving Plate Co.	Stereotyping supplies	. 10. 5
	The General Cartage and Storage Co	Drayage	10.4
	P P Rembard & Co	Ruhhar stomns	4.5 1.2
	C. A. Burton	Coal	191.0
	Union Trust Co., Detroit	Telegraph services	191.0 7.3
	W. F. Hooper. Norwich University W. B. Moses & Sons John A. Roebling's Sons Co. The Addressograph Co. R. Hoe & R. Hoe & R. Hoe & R. R. R. Hoe & R. R. R. Hoe & R. R	Pay roll.	147.0 42.8
	Co.	r assenger transportation	42.0
	Co. The Oregon R. R. and Navigation Co. Chicago, Burlington and Quincy Rwy. Co. Tucker Telephone and Telegraph Co. Moncure and Pittsboro Telegraph Co. Peter Wood Addressograph Co. Edward Mullin J. J. Gray Nashville, substations Shreveport, substations Galveston, substations Houghton, substations H. B. P. Carden E. M. Minehart A. Farnham H. Hamilton do S. M. Blandford L. M. Cline	do	71.5
	Chicago, Burlington and Quincy Rwy. Co	Telegraph services	1.3 15.0
	Tucker Telephone and Telegraph Co	do	15.0 3.0
	Peter Wood	Dravage	5. 0
	Addressograph Co.	Addressograph parts	, g
0.4	Edward Mullin	Rags	.7 .9 14.0
31	J. J. Gray	Traveling expenses	23.0
	Shrevenort substations	do	79.5
	Galveston, substations.	do	41. 7 30. 0
	Houghton, substations	do	47.7
	H. B. P. Carden	Services	2.0
7	A Famham	Traveling expenses	4.8
	H. Hamilton	do	5.4
	do	do	12, 2
	S. M. Blandford	Express charges	5. 4 12. 2 4. 1 5. 2
	E. M. Cline E. C. Vose E. A. Evans J. B. Marbury C. M. Strony	Station armanga	5. 2 20. 2
	E. A. Evans	Dravage	
	J. B. Marbury	Station expenses.	13.6 17.9
	C. M. Strong.	Drayage	9.0
	D. C. Grunow	Station expenses	6.7
	C. E. Johnson	Ferriage	9. 0 6. 7 3. 8 3. 2
	Capital Telephone and Telegraph Co.	Telephone services	4.5
	F. G. Blaisdell	do	16.5 57.5
	Chicago Telephone Co.	do	57.5
	M M Latta	Office rent	9.0
	G. W. Kelley	Rent of stable	46.1
	I. M. Cline E. C. Vose E. A. Evans J. B. Marbury. C. M. Strong. D. C. Grunow A. F. Sims C. E. Johnson Capital Telephone and Telegraph Co. F. G. Blaisdell. Chicago Telephone Co. East Tennessee Telephone Co. M. M. Latta. G. W. Kelley New Orleans and Carrollton R. R., Light, and Power Co.	Electric light	9.0 25.0 46.1 7.3
	Aww Orleans and Carrolton R. R., Light, and Power Co. New Orleans Lighting Co., Lessee Chicago, Milwaukee and St. Paul Rwy. Co. Pennsylvania Co. Louisville and Nashville R. R. Co.		
	New Orleans Lighting Co., Lessee	Gas	13.7 8.0 17.5
	Popperlyonia Co	Passenger transportation	17.5

Date.	Name.	Nature of payment.	Total
1904			
an. 31	Michigan Central R. R. Co Washington County R. R. Co Norfolk and Southern R. R. Co The Baltimore and Ohio R. R. Co West Virginia Central and Pittsburg Rwy. Co St. Louis and San Francisco R. R. Co The Atchison, Topeka and Santa Fe Rwy. Co The Pennsylvania R. R. Co L. E Scarr Johnson & Johnson The Union Ice Co Columbian Transfer Co Baumgardt Publishing Co E. Roscher	Passsenger transportation	\$10 13 6
	Washington County R. R. Co	do	13
	The Poltimore and Obje D. D. Co.	00	0
	West Virginia Central and Pittsburg Pwy Co	do	25
	St. Louis and San Francisco R R Co	do	6
	The Atchison, Topeka and Santa Fe Rwy, Co.	do	43
	The Pennsylvania R. R. Co.	do	102
	L. E Scarr.	Washing towels	1
	Johnson & Johnson	Ice	2
	The Union Ice Co	do	9
	Columbian Transfer Co	Drayage	16 13
	E Dogobor	File cons	24
	The Degrett Printing Co	Rinding weether mens	1
	R. Bell	Packing batteries	9
	Silcott & Price	Stove	8
	L. F. Willoughby	Recasting rollers	3
	J. A. Roebling's Sons Co.	Cable	100
	W. Talbott	Stovepipe	100
	Carter, Rice & Co. (Incorporated)	Paper	127
	E. J. Shuttuck Co.	Recasting rollers	2
	Vetes & Co	Oil	4
	Baumgardt Publishing Co. E. Roscher. The Daggett Printing Co. R. Bell. Silcott & Price. L. F. Willoughby. J. A. Roebling's Sons Co. W. Talbott. Carter, Rice & Co. (Incorporated). E. J. Shuttuck Co. The Van Bibber Roller Co. Yates & Co. Queen & Co. (Incorporated). H. A. Poole. C. Smith. Currie Co.	Printing climate and crop reports. File case. Binding weather maps. Packing batteries Stove. Recasting rollers. Cable. Stovepipe. Paper. Recasting rollers. do Oil Measuring sticks.	18
	H. A. Poole	Measuring sticks	10
	C. Smith	Horse firedo  Repairing plumbing Repairing clocks Carpet. Battery apparatus. Wire, etc. Coal and wood. Geocline.	
	Currie Co.	Repairing plumbing	ę
	J. A. Roche & Co	Repairing clocks	
	J. Fredericks & Co. (Incorporated)	Carpet	80
	Hubbard-Heilborn Electric Co	Battery apparatus	9
	E. C. Fuller Co.	Wire, etc.	28 20
	Johnson & Johnson	Coal and wood	28
	Dotroit and Maglinea P. P. Co	Froight charges	2
	H. A. Foole C. Smith Currie Co. J. A. Roche & Co. J. Fredericks & Co. (Incorporated) Hubbard-Heilborn Electric Co. E. C. Fuller Co. Johnson & Johnson Standard Oil Co. Detroit and Mackinae R. R. Co. Star Union Line Wisconsin Central Rwy. Co. The Erie and Western Transportation Co. Grand Rapids and Indiana Rwy. Codo The Colorado and Southern Rwy. Co. Francis Miller Mackall Brothers. J. B. Lambie Co. (Incorporated) John C. Parkerdo W. B. Moses & Sonsdo Delano & Moore.	do	ě
	Wisconsin Central Rwy, Co.	do	
	The Erie and Western Transportation Co	do	
	Grand Rapids and Indiana Rwy. Co	do	8
	do	do	
	The Colorado and Southern Rwy. Co	do	
	Francis Miller	Turpentine	29
	T P Lembio Co (Incorporated)	Shoot zine	10
	John C. Parker	Paner	58
	do	Files	13
	W. B. Moses & Sons.	Shades	1
	do	do	1:
	Delano & Moore	Rubber gloves, etc	
			1
	Lamb & Tilden	Rubber stamps	
	do	do	
	do	do	
	American Writing Machine Co	Typewriters	14
	Lamb & Tilden do do do dodo Mriting Machine Codo W. S. Jenks J. C. Entwistle J. W. Jordan & Co Southern Printers' Supply Co District of Columbia Paper Manufacturing Co W. H. Dyer M. G. Copeland Co E. C. Newsom R. P. Andrews & Co. (Incorporated) The J. C. Ergood Co C. F. Schneider Chicago, Milwaukee and St. Paul Rwy. Co Houston and Texas Central R. R. Co Elizabeth City and Norfolk Telegraph Co Chicago and Northwestern Rwy. Co Wm. Curry's Sons Addressograph Co Winton Telegraph Co W. B. Moses & Sons O. W. Roberts W. L. Day Wisconsin Telephone Co The Southwestern Telegraph and Telephone Co.	do Typewriters Typewriter stand Iron trays Engraving rain chart Recasting rollers Logotype cases Blotting paper Sawdust Pennants	4: 2: 1:
	W. S. Jenks	Iron trays	2
	J. C. Entwistle	Engraving rain chart	10
	J. W. Jordan & Co.	Recasting rollers	
	Southern Printers' Supply Co	Logotype cases	9
	W. H. Dwor	Blotting paper	9
	M. G. Copoland Co	Pannanta	1
	E. C. Newsom	Station expenses	1
	R. P. Andrews & Co. (Incorporated)	Letter clips	
	The J. C. Ergood Co.	Sawdust Pennants Station expenses Letter clips Stove polish Drayage Passenger transportation	
	C. F. Schneider	Drayage	2
	Chicago, Milwaukee and St. Paul Rwy. Co	Passenger transportation	20
	Houston and Texas Central R. R. Co	do	9
	Elizabeth City and Norfolk Telegraph Co	Telegraph services	
	Unicago and Northwestern Rwy. Co	do Telegraph services. Passenger transportation Lawn mower Printing materials Telegraph services Mirror Station expenses	14
	W. III. CUTTY'S SONS	Printing materials	1
	Winton Telegraph Co	Telegraph services	1,
	W. B. Moses & Sons	Mirror	1
	O. W. Roberts	Station expenses do	
	W. L. Day	do	39
	Wisconsin Telephone Co	Telephone servicesdo	30
			18

Date.	Name.	Nature of payment.	Total.
1904.			
n. 31	Topeka Independent Telephone Co	Telephone services	\$9.
	Phillips, Smith & Van Orden (Incorporated)  do  do  Delaware and Hudson Co  F. P. Evans  B. F. Larcombe et al  F. J. Walz  Milwaukee, substation  J. N. Ryker  R. M. Geddings.  G. E. Grimes  M. E. Blystone  N. B. Conger  D. Cuthbertson  C. P. Meekins  K. Wagner  E. D. Osborn  Cumberland Telephone and Telegraph Co.	do	45. 45.
	P. H. Cheney & Sons	Electric light	4.
	The Smith Premier Typewriter Co	Repairing typewriter	4. 22.
	Grable & Collings Co	Ink.	2.
	Delaware and Hudson Co	Treveling expenses	1. 60.
	B. F. Larcombe et al	Pay roll, printing office	2 512
b. 4	F. J. Walz.	Traveling expenses	3. 143. 19.
	Milwaukee, substation	Pay roll	143.
	J. N. Ryker.	Station expenses	19.
	G. E. Grimes	do	2.
	M. E. Blystone	Dravage, etc.	
	N. B. Conger	Special-delivery stamps	7
	D. Cuthbertson	Station expenses	15
	V. W. gnor	Onice rent	3 75
	E. D. Osborn	do	125
	Cumberland Telephone and Telegraph Co	Telephone services	10
	Sunset Telephone and Telegraph Co	đo	15
	Union Trust Co., Detroit	do	2
	The Culver Construction Co	Electric light	4 * 14
	Houghton County Electric Light Co	do	23
	Improvement Loan and Trust Co	do	23 17
	The City of East Towas	do	7
	A A Finely	Printing clime to and eron reports	35 4
	The Northwestern Telegraph Co. of Canada.	Telegraph services	155
	Central District and Printing Telegraph Co	do	20
	Western Union Telegraph Co	do	426 14, 991 33
	Creet Northern Prov. Co	Deganger transportation	14,991
	New York and Cuba Mail Steamship Co	rassenger transportation	40
	Central Electric Co	Battery jars, etc.	25
	Robert Burns	Constructing board walk	25 37
	C. D. Page	Drayage	7 87
	Naodham Bras	Washing towels	1
	The Globe Wernicke Co	Index cards	10
	Arnold & Wetherbee	Installing batteries	7
	C. P. Meekins K. Wagner E. D. Osborn Cumberland Telephone and Telegraph Co. Sunset Telephone and Telegraph Co. Union Trust Co., Detroit. Sunset Telephone and Telegraph Co. The Culver Construction Co. Houghton County Electric Light Co. Hmyrovement Loan and Trust Co The City of East Towas. Consolidated Gas Co. of New Jersey. A. A. Finck. The Northwestern Telegraph Co. of Canada. Central District and Printing Telegraph Co. do. Great Northern Rwy. Co. New York and Cuba Mail Steamship Co. Central Electric Co. Robert Burns. C. D. Page. Silcott & Price. Needham Bros. The Globe Wernicke Co. Arnold & Wetherbee. Duluth Van and Storage Co. Chas. Eneu Johnson & Co.	Removing instruments and shelter.	89
	Chas. Eneu Johnson & Co	Ink. Photograph Force pump Oil	61 1
	W. B. Davidson J. H. Leslie	Force pump.	25
	Yates & Co	Oil	10
	Stoll & Thayer Co	Bookcase Repairing chairs Coal Mercury Rubber	64
	I C Tucker ir	Cool	6 105
	Justinian Caire Co	Mercury	1
	Goodyear Rubber Co	Rubber	9
	Yates & Co	Oil	5 2
	Ringham & Runge	Faucet and solder	3
	J. H. Leslie Yates & Co Stoll & Thayer Co. The Richmond Day Co. J. C. Tucker, jr. Justinian Caire Co. Goodyear Rubber Co. Yates & Co. Alexander Yost Co. Bingham & Runge D. S. Lacey I. B. Hoffmire J. Lang	Recasting rollers	3
	I. B. Hoffmire	Ink Repairing instrument shelter Repairing telegraph line	4
		Repairing telegraph line	14
	Riggs & Bro	Repairing clock	3
	Geo. H. Fuller Desk Co	Bookcase	4 11
	Yates & Co. Geo. H. Fuller Desk Co. American Type Founders Co. Angells Express. John Underwood & Co.	Logotype	84
	Angells Express	Moving office furniture	8
	John Underwood & Co	Ink	11 90
	Casper Ward	Repairing clock Oil Bookcase Logotype Moving office furniture Ink Paper Erecting instrument shelter	90
	Thayer & Jackson.	Binding charts.	10
	do	Binding charts Binding records	1
	Casper Ward Thayer & Jackson do The Pacific Transfer Co	Drayage	35
	John P. Gearydo	Repairing office furniture	10
•	do	Hauling water Drayage	18 6
	E. V. Hauser Addressograph Co Bingley Photo-Engraving Co. Dyer Bros. Standard Oil Co	Coal	10
	Addressograph Co	Addressograph supplies Zincotypes Erecting tower	5
	Bingley Photo-Engraving Co	Zincotypes	G
	Standard Oil Co	Oil Electric light	195 7
	Summedia OH Commissions	O	4.

Date.	Name.	Nature of payment.	Total.
1904.			
Feb. 4	L. C. Cover.  Monahan & Steinert Chicago Edison Co J. A. Balster L. M. Tarr E. A. Beals T. S. Ourtam T. J. Considine C. F. von Herrmann A. G. McAdie U. G. Purssell J. Warren Smith D. Howard	Drayage, etc	\$5.70 3.50 17.30 6.60 73.90
	Monahan & Steinert	Repairing imposing stone	3.50
10	Cnicago Edison Co	Electric light	17.30
10	L. M. Tarr	Repairing imposing stone Electric light Shoeing horses Station expenses Drayage, etc	73 0
	E. A. Beals	Dravage, etc.	8.0
	T. S. Ourtam	Drayage	13.8
	T. J. Considine	do	8.0 13.8 4.2 17.6
	A G McAdie	Drayage, etc	17.6
	U. G. Purssell	Station expenses	3.8
	J. Warren Smith	Drayage	18.3
	D. Howard	Traveling expenses	11.0
	G I Gollohor	do	29.2 7.7
	W. T. Lathrop	do	9.4
	J. S. Plantz	Services	14.0 7.0
	U. V. Hendrix	do	7.0
	John Clarke	Telephone services	5.5 7.5
	Pacific States Telephone and Telegraph Co	do	4.5
	J. A. Balster L. M. Tarr E. A. Beals T. S. Ourtam T. J. Considine C. F. von Herrmann A. G. McAdie U. G. Purssell J. Warren Smith D. Howard H. C. Frankenfield G. J. Gallaher W. T. Lathrop J. S. Plantz U. V. Hendrix John Clarke Central Union Telephone Co. Pacific States Telephone and Telegraph Co. Rocky Mountain Bell Telephone Co. Northwestern Telephone Co. Now London Gas and Edison Light Co. New Bedford Gas and Edison Light Co. New Bedford Gas and Electric Co. Marblehead Municipal Light Department Arizona Publishing Co. Nashville, Chattanooga and St. Louis Rwy. The Fred Marcy Co. (Limited) J. K. Jacoy T. J. Mott, jr. American Type Founders Co Littlefield, Alvord & Co. St. Louis Transfer Co. Wm. J. Crawford Santa Fe Central Rwy. Co. The Oregon Short Line R. R. Co. do. The Atchison, Topeka and Santa Fe Rwy. Co. Southern Rwy. Co. Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Louisville and Nashville R. R. Co.	do.	4.5 10.5
	The Mutual Telephone Co	do	11. 2 9. 0 7. 8
	Northwestern Telephone Exchange Co	do	9.0
4	New London Gas and Electric Co	Electric light	4.6
	Marblehead Municipal Light Department	- do	5.3
	Arizona Publishing Co	Printing climate and crop reports.	66.0
	Nashville, Chattanooga and St. Louis Rwy	Passenger transportation	$\frac{4.1}{25.4}$
	The Fred Marcy Co. (Limited)	Office furniture	25.4
	T I Mott ir	Painting office sign	1.9
	American Type Founders Co	Printing materials	2.5 1.2 11.9 14.3
	Littlefield, ÁÍvord & Co	Drayage	14.3
	St. Louis Transfer Co	do	1.4
	W. M. J. Crawford	Eroight charges	1.9
	The Oregon Short Line R. R. Co	do	1.2 7.8 6.1
	do	do	6.1
	The Atchison, Topeka and Santa Fe Rwy. Co.	do	31.1
	Southern Rwy. Co.	00	14.1 .5
	Rwy.		. 0
	Rwy. Louisville and Nashville R. R. Co. Chicago, Rock Island and Pacific Rwy. Co. Chicago, Burlington and Quincy Rwy. Co. Virginia and Truckee R. R. Gulf, Colorado and Santa Fe Rwy. Co. Michigan Central R. R. Co. Evansville and Terre Haute R. R. Co. Atlantic Coast Line R. R. Co. Grand Canyon Rwy. The Erie and Western Transportation Co. New Bedford, Marthas Vineyard and Nantucket Steamship Co.	do	1.2
	Chicago, Rock Island and Pacific Rwy. Co	do	1.2 1.7 6.9
	Virginia and Truelton P. P.	do	0.9
	Gulf, Colorado and Santa Fe Rwy, Co	do	1.6
	Michigan Central R. R. Co	do	1.4
	Evansville and Terre Haute R. R. Co	do	3.1
	Atlantic Coast Line R. R. Co	do	2.8
	The Erie and Western Transportation Co	do	1.1
	New Bedford, Marthas Vineyard and Nan-	do	.7
	tucket Steamship Co.	•	
	Richmond, Fredericksburg and Potomac R. R. Co.	do	.2
	Norfolk and Western Rwy Co	do	1.3
	Boston and Maine R. R.	do	1.8
	Texas Central R. R. Co	do	1.4
	R. Co. Norfolk and Western Rwy. Co. Boston and Maine R. R. Texas Central R. R. Co. Rome, Watertown and Ogdensburg R. R. Wabash R. R. Co. Burlington Route, Missouri Lines Cleveland, Cincinnati, Chicago and St. Louis	do	1. 5
	Wabash K. K. Co.	do	.5
	Cleveland, Cincinnati, Chicago and St. Louis	do	3.2
	Rwy. Co.		
	W. M. Fulton	Station expenses	10. 5
	E. L. Renoe	Densiring talograph line	8.7 7.5
	A. H. Glass	Painting instrument shelter	5.0
	Hann & Adair	Printing annual summary	76.3
	Rocky Mountain Bell Telephone Co	Telephone services	63.6
	International Ocean Telegraph Co	Telegraph services	82.3 150.0
	Pising Sun Telegraph Line	do	* 2.6
	Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co. W. M. Fulton E. L. Renoe A. Midgett A. H. Glass Hann & Adair Rocky Mountain Bell Telephone Co. International Ocean Telegraph Co. The Direct West India Cable Co. (Limited) Rising Sun Telegraph Line Jacksonville and St. Johns Bar Telegraph Line.	do	2.6 24.5
	Line.		
	Baltimore and Ohio R. R. Co. A. J. Servis & Son J. J. Gray. W. T. Lathrop.	Tanada	2.7
	A L Control & Con	Erecting tower	123.7
	T. T. Crow	Travaling avnances	2.5

ate.	Name.	Nature of payment.	Total
904.			
, 10	A. H. Thiessen	Cleaning cells	\$10. 5.
1	C. Sevilla Richmond, substations Union Trust Co., Detroit The Chesapeake and Potomac Telephone Co Alabama, Mississippi and Tennessee Telephone Co Mistropressis St. Powl and Scult Sts. Mario	Cleaning office	5.
	Richmond, substations	Pay roll	3.
	The Character and Beteman Telephone Co	Telephone services	12
	Alabama Mississippi and Tannassaa Tala-	do	5
	nhone Co.		0
	Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co. New England Telephone and Telegraph Co. Oregon Short Line R. R. Co. Denver and Rio Grande R. R. Co. Erie R. R. Co. The Chesapeake and Ohio Rwy. Co. Chicago and Northwestern Rwy. Co. Union Pacific R. R. Co. Narragansett Pier R. R. Co. H. S. Miller Consumers Electrical Association G. E. Greene W. H. Trimmer E. H. Moorhouse Gross & Lebert Louisville and Nashville R. R. Co. L. M. Sukeforth A. G. McAdie Burrell & Harmon Lamb & Tildendo .	Telegraph services	12
	New England Telephone and Telegraph Co	do	2
	Oregon Short Line R. R. Co	Passenger transportation	7
	Denver and Rio Grande R. R. Co	00	18
	The Chesaposta and Ohio Pwy Co	do	27
	Chicago and Northwestern Rwy Co	do	53
	Union Pacific B. R. Co	do	30
	Narragansett Pier R. R. Co.	do	4
	H. S. Miller	do	6
	Consumers Electrical Association	Installing battery	20
	G. E. Greene	Repairing instrument shelter	40
	W. H. Trimmer	Installing shelter	_
	Cross & Labort	Dubbor boso	7 15
	Louisville and Nashville P. P. Co.	Freight charges	15
	L. M. Sukeforth	do	
	A. G. McAdie	Traveling expenses	2
	Burrell & Harmon.	Repairing roof.	ě
	Lamb & Tilden	Rubber stamps	2
	do	do	4.5
	do	Steel figures	
	National Electrical Supply Co	Lamps	11
	Southern Frinters' Supply Co	Staples	62 12
	M. G. Coneland Co.	Flogs and hunting	1,775
	I W Jordan & Co	Regeting rollers	1, 110
	M. Du Perow	Wire	. 2
	C. R. Edmonston	Cuspidors	20
	Treasurer of the United States	Blower, motor, and connections	788
13	John Moran John C. Parker	Sprinklers	4
	John C. Parker	Clips	32
	do.	Paner	79.
	dodo.	do. Pen racks. Paper.	
	do	Pener	10 78
			10
	D. F. Parker	Ink. Paper. Traveling expensesdo	1,700
	C. F. Schneider.	Traveling expenses.	17
	J. J. O'Donnell	do	17 28
	E. C. Thompson	Station expenses	20
	H. Legler	Washing towels	
	GO D. F. Parker C. F. Schneider J. J. O'Donnell E. C. Thompson H. Legler R. J. Hyatt O. L. Fassin	Station expenses Washing towels Drayage	1
	O. L. Fassig W. G. Burns E. W. McGann		14
	E. W. McGann	Drayage, etc. Station expenses.	15 10
	Norfolk, substations.	Pay roll.	10
1	New York, substations	do	4
	Lutz & Co	Yoke straps	
	do	doYoke strapsHorse blankets, etc	• 2
	Norfolk, substations. New York, substations Lutz & Codo National Electrical Supply Co. Julien P. Friez	Wall sockets	15
			60
	J. D. Spreckels & Bros. Co. Baumgardt Publishing Co.		16
	C. C. Watson	Repairing thermograph	
	The Waterbury Battery Co	. Battery recharges	700
	C. C. Watson. The Waterbury Battery Co. Cotter & Watkins Barelli & Kittredge R. T. F. Smith. Hopkins & Tumbleson F. Sharp. Postal Telegraph Cable Co. do	Battery recharges Repairing river gauge	
	Barelli & Kittredge	Repairing printing press	
	Honking & Tumbleson	Repairing printing press. Coal. Repairing water pipe. Files. Telegraph services.	2
	F Sharp	Files	
	Postal Telegraph Cable Co	Telegraph services	30
	dodo	do	578
	odo Corvallis and Eastern R. R. Co J. C. Davis R. J. Hyatt R. G. Allen A. G. Miley Phillips Bros L. K. Edwards	do	376
	J. C. Davis	Freight charges	
18	R. J. Hyatt	. Traveling expenses	(
	R. G. Allen	do. Freight charges Traveling expensesdo.	18
	A. G. Miley	Services Printing annual summary	9
	Phillips Bros	Printing annual summary	9

Date.	Name.	Nature of payment.	Total.
1964.			
Feb. 18	J. H. Thiemeyer. F. Hogue. Heybach-Bush Co. R. P. Arnold. R. Loudon French & Bassett American Type Founders Co. Central Union Telephone Co. Home Telephone Co.	Packing boxes	\$98.29
	F. Hogue	Packing boxes Repairing river gauge	2.50 2.15 2.00
	Heybach-Bush Co	Printing materials. Relocating instrument shelter	2.15
	R. Loudon	Installing storage battery	9.00
	French & Bassett	Stove	44.05
	American Type Founders Co	Printing materials	2.16 18.00
	Central Union Telephone Co	Telephone services	18.00
	Kalley Island and Sandusky Cable Co	Tolograph corvious	9.60 9.30
	Postal Telegraph Cable Co. of Texas.	dodo.	. 80
	Pacific States Telephone and Telegraph Co	do	9.00
	Western Union Telegraph Co	do	15,599.15
23	Lamb & Tilden	Rubner stamps	2.53 1.10
20	do	Logotypes	176.10
	W. E. Bonnett.	Traveling expenses	6.85
	S. S. Sehwarm.	do	23.35
	M. B. Studds.  Royal Mail Steam Packet Co	Office rent	8.45 24.00
	The Seattle Electric Co.	Electric light	11.88
	Muskegon Traction and Lighting Co	do	7.50 7.80
	Heybach-Bush Co.  R. P. Arnold R. Loudon French & Bassett American Type Founders Co. Central Union Telephone Co. Home Telephone Co. Home Telephone Co. Kelley Island and Sandusky Cable Co. Postai Telegraph Cable Co. of Texas. Pacific States Telephone and Telegraph Co. Burlington Route, Missouri Lines Lamb & Tilden .do W. E. Bonnett S. S. Schwarm M. B. Stubbs Royal Mail Steam Packet Co. The Seattle Electric Co. Muskegon Traction and Lighting Co. Elizabeth City and Norfolk Telegraph Co. Western Union Telegraph Co. The Central District and Printing Telegraph Co. San Pedro, Los Angeles and Salt Lake R. R.	Telegraph services	7.80
	The Central District and Printing Telegraph	do	257.92 30.00
	Co.		90.00
	San Pedro, Los Angeles and Salt Lake R. R. Co.	Passenger transportation	22.95
	Viloriais and Donales D. D. C.	do	16.80
	Southern Rwy. Co.  do.  Puget Sound Navigation Co. Peninsular and Occidental Steamship Co. Chicago, Rock Island and Pacific Rwy. Co. C. C. Ranson. H. R. Eley Plain Dealer Publishing Co. J. P. Friez. Peter Gray & Sons	Danairing pisson gauge	20.00 10.00
	Puget Sound Navigation Co	Passenger transportation	4.75
	Peninsular and Occidental Steamship Co	do	10.40
	Chicago, Rock Island and Pacific Rwy. Co	do	10.60
	H R Flov	Repairing telegraph line	2.50 $2.50$
	Plain Dealer Publishing Co.	Stereotype metal.	.80
	J. P. Friez	Brass castings	. 80 2. 25
	Peter Gray & Sons	Repairing lanterns	20.00
	E Faher	Rubber hands	65.00 295.02
	R. M. Hull	Repairing typewriter	1.00
	R. P. Clarke Co.	Clip boards	6.45
	The Oregon Short Line R. R. Co	Freight charges	25.66 2.60
	Chicago, Rock Island and Pacific Rwy. Co. C. C. Ranson H. R. Eley Plaim Dealer Publishing Co. J. P. Friez Peter Gray & Sons Iver Iverson E. Faber R. M. Hull R. P. Clarke Co. The Oregon Short Line R. R. Co. Baltimore and Ohio R. R. Co. do.	Brass castings Repairing lanterns Repairing furniture Rubber bands Repairing typewriter Clip boards Freight charges Telegraph services do	2:60
	do	.;do	2.50
	do	do Passenger transportation Horse hire	2.50
	W T Jarvis	Horse hire	6.50 1.50
	L. S. Woodhouse.	do	2.00
	Western Union Telegraph Co	Repairing telegraph line	3.10 36.00
	Philip Lindemeyer	Rollers	36.00
	do. do. do. do. do. Central R. R. Co. of New Jersey W. T. Jarvis. L. S. Woodhouse Western Union Telegraph Co. Philip Lindemeyer C. W. Rogg Co. Pacific Metal Works The Arkansas Democrat Co. Standard House Furnishing Co. J. H. Bunnell & Co. Mineralized Rubber Co. do. C. B. Lebkicher. Barnhart Bros. & Spindler Meteorological Council Chapin & Simpson F. F. Bossuot Clark & Davenport do. Debayers and Huston Co.	Horse hiredododododododo	1.00 8.00
	The Arkansas Democrat Co.	Ink and mucilage	6.00
	Standard House Furnishing Co	Bookcase	19.80
	J. H. Bunnell & Co	Battery brushes	4.75 18.50
	anneranzed Rubber Co	do	18.50
	C. B. Lebkicher	Mounting map	3.50
	Barnhart Bros. & Spindler	Repairing printing press	5.40
	Meteorological Council	Compiling telegrams	11.19 14.00
	F. F. Bossnot	Door shelter	1.05
	Clark & Davenport	Rugs and linoleum	94.87
	Delement and Huddon'S	Rugs	54.00
29	D A Moffort	Treight Charges	2.63 8.10
20	R. A. Alonatt S. C. Calvert G. E. Turner A. B. Aymard F. M. Taylor	do	11,55
	G. E. Turner.	do	8.50 12.95
	A. B. Aymard	Instrument shelter	12.95 1.00
	Barlow & Bros.	Binding maps	2,25
	J. Campbell	Washing towels	2. 25 2. 25
	C. C. Watson	Repairing clock	1.00
	Talas Tritalian in Ca		
	J. Campbell C. C. Watson John Kitchen, jr., Co. J. J. Lawler & Co. Carter, Rice & Co. Corporation.	Instrument sneiter Binding maps.  Washing towels Repairing clock Binding charts Steam radiator Paper	5.00 45.00

Date.	Name.	Nature of payment.	Total.
1904.	The Lake Ohans and Michigan Courth are Down	Parameter to a section	600 00
eb. 29	The Lake Shore and Michigan Southern Rwy. Co.	Passenger transportation	\$22.00
	Cumberland Telephone and Telegraph Co	Telephone services. Services.	2.60 5.00
	Carmelo Sevilla.  M. A. Robinson. W. A. R. Rawle. Western Union Telegraph Co International Ocean Telegraph Co. West India and Panama Telegraph Co. (Limited)	Subsistence. Station expenses. Telegraph services.	41.46
	W. A. R. Rawle. Western Union Telegraph Co	Station expenses	2.96 15,248.12
	International Ocean Telegraph Co	do	92.05
	ited).	do	1,354.10
	Union Pacific R. R. Co	Freight charges	1.65
	Central Vermont Rwy. Co	do	15.05 .57 6.56
	St. Louis and San Francisco R. R. Co	do	6. 50 2. <b>0</b> 4
	Pennsylvania R. R. Co.	do	14.48
	A. W. Shilling F. J. Walz	Traveling expensesdo.	11. 25 143. 21
	W. S. Belden	Station expenses.	7.98 7.00
	Hoke Engraving Plate Co.	Recoating base plates	117.17
	do.	do	262.50 300.00
	ited). Union Pacific R. R. Co. Louisville and Nashville R. R. Co. Central Vermont Rwy. Co. St. Louis and San Francisco R. R. Co. do. Pennsylvania R. R. Co. A. W. Shilling. F. J. Walz. W. S. Belden. H. F. Barnett. Hoke Engraving Plate Co. do. do. Kenffel & Esser Co. Walter Talbott. Fox Typewriter Co. Geo. De Nio Co. A. L. Shipman's Sons.	Drawing tables	33.00
	Walter Talbott	Dust brush, etc	6. 23 3. 73
	Geo. De Nio Co	Shelves in office	20.58
	A. L. Shipman's Sons Cleveland, Cincinnati, Chicago and St. Louis	Files. Freight charges.	80.40 1.18
	Rwy. Co.	do	13. 11
	Chicago and Northwestern Rwy. Co	do	3. 68 3. 94
	E C Hobbs	Traveling avpanses	3. 94 24. 32
	Chas. Dill	do	6.90
	L. G. Sutton A. H. Thiessen	do	6.00 63.23
	Rwy. Co. Florida East Coast Rwy. Co. Chicago and Northwestern Rwy. Codo. E. C. Hobbs. Chas. Dill. L. G. Sutton A. H. Thiessendo. C. M. Strong	do	63. 25 51. 50 77. 60
	doC. M. Strong W. C. Devereaux W. E. Bonnett Cutrell & Leffingwell. Flint & Walling Manufacturing Co. Wm. T. Wood & Co. Crowley Electric Co. Tarbett-Phemister Co. Northwestern Fuel Co. Carter Rice & Co. Corporation Inland Type Foundry Raymond Gutowski. Marthas Vineyard Telegraph Co. Baltimore and Ohio R. R. Co. Ocean Towboat Line.	do	36.33
	W. E. Bonnett	Transportation of employees etc	36.35 47.70 75.00
	Flint & Walling Manufacturing Co.	Storm-warning tower, etc	68 45
	Crowley Electric Co.	Repairing electric-light fixtures	18. 25 7. 30 2. 03
	Tarbett-Phemister Co	Repairing printing press	2.03 120.13
	Carter Rice & Co. Corporation	Cardboard	62.50
	Inland Type Foundry	Printing supplies	4.59 39.18
	Marthas Vineyard Telegraph Co.	Telegraph services	50.53
	Qcean Towboat Line	do	3.00 14.00
	James B. Lambie Co. (Incorporated)	Picture wire	2,62
	Battmore and Ohio R. R. Co. Quean Towboat Line.  James B. Lambie Co. (Incorporated)dododododododo.	Cotton rope	8.58 5.00
	Rudolph, West & Co.	Copper tacks	91.77 5.63
	do.	Brushes, nails, etc. Lamp brackets, etc. Brushes, oil, lye, etc. Fuse holders. Door mats.	58.77 4.05
	do	Brushes, oil, lye, etc	108.98
	M. Du Perow	Fuse holders	1.00 28.08
	Hugh Reilly	Paint	6.00
	M. Du Perow W. B. Moses & Sons Hugh Reilly Adams Express Co James Berry John C. Parker	Paint Express charges Traveling expenses Bookease	49.70 80.95 17.80 767.73
	John C. Parker	Bookcase	17.80
	do	Ink pads.	4.00
	dodoD. Frank ParkerR. P. Andrews & Co. (Incorporated)Edward MullinJ. C. EntwistleF. A. Schmidt	Paper . Ink pads . Pens, pads, ribbons and varnish . Paper clips . Rags . Engraving rain chart . Ink .	280.46 7.99
	Edward Mullin	Rags	14.00
	F. A. Schmidt	Engraving rain chart	10.00 10.50
		Pens.	7.50
	dodo	Pens Paper Rain gauges Typewriter stand Typewriters Envelopes	7.50 6.60 307.00
	do American Writing Machine Co do R. Carter Ballantyne	Typewriter stand	48.00
	D. Comban D. II. and annua	Envelopes	139. 50 27. 00

Date.	Name.	Nature of payment.	Total.
1904.			
Feb. 29	Southern Printers' Supply Co	Set screw.	\$0.35
	Thos. Somerville & Sons Remington Typewriter Co.	Duplicating rollers Typewriter ribbons	20.16 52.30
	J. W. Taylor	Roller stretcher	7.00
	J. W. Taylor H. J. Green J. P. Friez	Thermometers	1,000.00
	J. P. Friez.  The Great Northwestern Telegraph Co. of Canada.	Rain gages. Telegraph services.	562. 50 149. 21
		Wall molding	15.68
	W. Bement Yawman Erbe Manufacturing Co	File case	50.00
	E. G. Washburn & Co Peter Gray & Sons	Weather vane	13.50 150.00
	James Hayden, administrator of E. Hayden,	Drayage	2. 1.
36 =	B. F. Larcombe et al. United States Express Co. Adams Express Co. Laura M. Dey. W. U. Simons. W. G. Wilson.	Pay roll, printing office	2,488.7
Mar. 7	United States Express Co	Express charges	33.7. 6.3
	Laura M. Dev	Traveling expenses	15.10
	W. U. Simons	do	2. 2
	W. G. Wilson	do	7.40
	A F Sime	do	15.90 25.30
	T. B. Jennings	Dravage, etc.	5. 68
	W. G. Wilson E. G. Colvin A. F. Sims T. B. Jennings G. A. Loveland B. J. Sherry	Station expenses	6.88
	B. J. Sherry	Car fare	1.8
	North Montana Telephone Co	do	7.50 15.00
	Rocky Mountain Bell Telephone Co	do	22. 2
	G. A. Loveland B. J. Sherry. Southern Bell Telephone and Telegraph Co North Montana Telephone Co Rocky Mountain Bell Telephone Co International Ocean Telegraph Co New York Central and Hudson River R. R. Co.	Telegraph services Passenger transportation	159. 84 1. 10
	Norfolk and Washington, D. C., Steamboat Co. Chicago and Northwestern Rwy. Co. Seaboard Air Line Rwy. Missouri, Kansas and Texas Rwy. Co. Northern Pacific Rwy. Co. Northern Pacific Rwy. Co. Oscar Howard Joe Sly. George Beesley. C. C. Ranson F. Smith H. A. Poole O. W. Byedo D. W. Byedo Co. Chas. Eneu Johnson & Co. Southern Rwy. Co.	do	15.20
	Chicago and Northwestern Rwy. Co	do	8.09
	Missouri Kansas and Toyos Pwy Co	do	5. 18 10. 98
	Northern Pacific Rwy. Co.	do	36.80
	Vicente Gonzales	Office rent	40.00
	do	Donaida a talaman h lina	40.00
	Loe Sly	do Repairing telegraph line	2.00 2.00
	George Beeslev	do	2.00
	C. C. Ranson	do	2.50
	F. Smith	Horse hire	1.00
	O. W. Bye	do	5,00 3.00
	do	Repairing telegraph line	2.00 174.20
	Philip Lindemeyr	Paste	174. 20
	Chas Eneu Johnson & Co	Ink	44. 85 88. 50
	Southern Rwy. Co.	Freight charges	9.75
	Postal Telegraph Cable Co	Telegraph services	050.76
	R. A. Inman	Services	9.00 4.00
	Carey Machinery and Supply Co	Lacquer	4.50
	The Hanson & Van Winkle Co. Carey Machinery and Supply Co. B. P. Clapp Ammonia Co. Inland Type Foundry H. E. Ney W. M. Perry Electric Co. F. F. Bossuot S. B. Haffner The Port Royal Dock Co. H. A. McNally Chas. Stewart M. A. Robinson Crowdus Bros. & Co.	Ammonia	10. 53 10. 70
	Inland Type Foundry	Leads Painting instrument shelter.	10.70
	W M Perry Electric Co	Connections for droplight	1.00
	F. F. Bossuot	Constructing board walk	33.60
	S. B. Haffner	Repairing barometer box, etc	. 60 7. 50
11	The Port Royal Dock Co	Coal Traveling expenses	50.98
11	Chas. Stewart	Rewiring cable	4.00
	M. A. Robinson	Subsistence	25.50
	Crowdus Bros. & Co	Coal	45. 00 100. 00
	New York Telephone Co	Telephone services	9.85
	New England Telephone and Telegraph Co	Telegraph services	2.50
	E. L. Renoe New York Telephone Co. New England Telephone and Telegraph Co. Pacific States Telephone and Telegraph Co. Alabama, Mississippi and Tennessee Telephone Co.	do	15.10 6.00
	pnone Co. The Direct West India Cable Co. (Limited)	do	152, 52
	H. S. Crocker Co.	Printing annual summary	225.00
	H. S. Crocker Co. Phillips, Smith & Van Orden (Incorporated).	Printing climate and crop reports.	45.00
	The Pennsylvania R. R. Co	Passenger transportation	13.80
	Atlantic Coast Line R. R. Co	Repairing telegraph line	26.40 30.00
	w. polimont	Techaning onegraph inter	
	R. Peacon J. S. Walker	Oil and gasoline Electrotype metal	11.58 $3.32$

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 11	J. S. Walker	Incandescent lamps	\$1.25
	A. Midgett. Philip Lindemeyr O'Callaghan, Nelson & Co.		2.50 27.00
	Philip Lindemeyr	Printer's blanks	27.00
	O'Callaghan, Nelson & Co	Freight charges	3. 25 2. 25
	A. S. Gardiner	Repairing typewriter	2.25
	The I M Floir Floatrical Works	Printer's blanks Freight charges Repairing typewriter Covers Station supplies Repairing chair Chandelier	4.37 8.50
	Umetadtar Mayer Co	Renairing chair	1.00
	Crooker Mantel and Tile Co	Chandelier	15. 50
	Pacific States Type Foundry	Type	2, 50
	Peter Grav & Sons	I anterns	2. 50 24. 30
	Atlantic Coast Line R. R. Co	Freight charges	36, 89
	O'Callaghan, Nelson & Co. A. S. Gardiner. Holbrook, Merrill & Stetson. The J. M. Klein Electrical Works. Umstadter-Meyer Co. Crooker Mantel and Tile Co. Pacific States Type Foundry. Peter Gray & Sons. Atlantic Coast Line R. R. Codo Illinois Central R. R. Codo. do.	do	. 90
	Illinois Central R. R. Co	do	. 21 . 28 . 73 . 27 . 22 . 71
	do	do	. 28
			. /3
	do do Chicago, Peoria and St. Louis Rwy. Co. of	do	. 27
	Chicago Poorio and St Louis Pury Co of	do	71
			. / 1
	C. H. Mallory	do	2.73
	Michigan Central R. R. Co.	do	1. 02
	Chesapeake and Ohio Rwy. Co	do	2.80
	C. H. Mallory. Michigan Central R. R. Co. Chesapeake and Ohio Rwy. Co. New York Central and Hudson River R. R.	do	4.94
	New York and Porto Rico Steamship Co Chicago and Northwestern Rwy. Co Nashville, Chattanooga and St. Louis Rwy.	do	4, 56
	Unicago and Northwestern Rwy. Co	00	24.68
	Co. • Chattanooga and St. Louis Kwy.		. 83
	Vorfolk and Washington Steamboat Co	do	2.65
	The Denver and Rio Grande R. R. Co	do	1.44
	North Shore R. R. Co.	do	2. 27
	W. R. Morton	Drayage	2. 27 2. 52
	St. Louis Transfer Co	do	1.92
	W. P. Stewart.,	Traveling expenses	4. 25
	E. H. Thompson	do	30.00
	C C Pall	Cool	3.50 43.00
	S C Class	Varnishing furniture	13.00
	Doerr, Mitchell & Co	Running wires, etc	7.60
15	F. H. Bigelow	Traveling expenses	10.82
	Nashville, Chartanloga and St. Louis Rwy. Co. Norfolk and Washington Steamboat Co. The Denver and Rio Grande R. R. Co. North Shore R. R. Co. W. R. Morton. St. Louis Transfer Co. W. P. Stewart. E. H. Thompson. James Rees. C. C. Ball. S. C. Glass. Doerr, Mitchell & Co. F. H. Bigelow. G. H. Bliss. F. P. Chaffee. H. B. Hersey. B. J. Sherry. W. T. Blythe J. J. Gray. W. T. Blythe J. J. Gray. C. H. Medlock. E. W. Paget. Summers Printing Co. C. V. Harris.	do	9. 55
	F. P. Chaffee	do	15.56
	H. B. Hersey	do	235, 15
	B. J. Sherry	Dwin ting an angel acceptance	4. 25 80. 00
	I I Grov	Express charges	7.05
	C. H. Medlock	Dravage	3.00
	E. W. Paget	Running levels	10,00
	Summers Printing Co.	Printing annual summary	94.50
	C. V. Harris	Horse hire	2.00
	C. V. Harris. Queen & Co. (Incorporated) G. E. French & Co. C. E. Wood.	Horse hire Measuring sticks Silver sand Repairing instrument shelter	30.00
	G. E. French & Co.	Silver sand	3.00
	Delaware and Atlantic Telegraph and Tele-	Telephone services	1.00 12.00
	phone Co.	r elephone services	12.00
	J. A. Brasher Co. (Limited)	Triple ocular	5.00
	Mineralized Rubber Co.	Rubber hose	2.31
	Mineralized Rubber Co	Freight charges	. 78
	do	Rubber hose Freight charges do Recasting rollers Traveling expenses	2.88
	J. W. Jordan & Co	Recasting rollers	2.88
18	M. W. Hayes	Traveling expenses	28. 2
10	W C Poldon	do	6.0
	New York substations	Pay roll	16. 40 45. 00
	United States Envelope Co	Envelopes	47.08
	do	do	711.96
	New Orleans and Northeastern R. R. Codo J. W. Jordan & Co. M. W. Hayes F. W. Fischer W. S. Belden New York, substations United States Envelope Codo Campbell Printing Press Manufacturing Codo John Jordt P. D. Holmes R. C. Goodrich Mineralized Rubber Cododo H. H. Hays Sons	Parts of printing press	38.35 100.96
	Toby Touds	Wdo	100.96
	P D Holmes	Ropairing tolograph line	19.00
	R C Goodrich	Repairing river gage	2.50 2.50
	Mineralized Rubber Co	Rubber hose	13. 87
	do	do Electrotype, etc Constructing loop Installing storage battery Repairing clock	9. 25
	H. H. Hays Sons Western Union Telegraph Co. Consolidated Electric Light Co. of Maine L. A. Greaux E. P. Hayer	Electrotype, etc.	1.75
	Western Union Telegraph Co	Constructing loop	113, 18
		Ingtalling atomoga battomy	16.94
	Consolidated Electric Light Co. of Maine	. Instaining storage battery	1. 50

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 18	Porter Burnham Co. Des Moines Edison Light Co. Havre Commercial Co. J. P. Nawrath. H. R. Eley. Philip Lindemeyr. Richard Fysh. Southern Scale and Fixture Co. C. C. Ranson. McQuiddy Printing Co. Pacific Electric Co. H. S. Sullivan. Howe, Davis & Kilham Lumsden Brothers. Edwards & Broughton Addressograph Co. S. J. Yarger.	Repairing storage battery	£4
	Des Moines Edison Light Co.	Materials for storage battery	\$4. 11.
	Havre Commercial Co.	Brooms	1.
_	J. P. Nawrath	Paper	38.
	H. R. Eley	Brooms Paper Repairing telegraph line Tissue paper Cleaning clock	2.
	Philip Lindemeyr	Tissue paper	2.
	Southarn Coole and Firsture Co	. Cleaning clock	1.1
	C C Renson	Water cooler and stand	12. 2.
	McQuiddy Printing Co	Printing annual summary	59.0
	Pacific Electric Co.	Installing storage battery.  do Binding charts	19
	H. S. Sullivan	do	12.
	Howe, Davis & Kilham	Binding charts	24.
	Lumsden Brothers	. Repairing rain gage	5.
	Edwards & Broughton	Repairing rain gage Printing annual summary. Type and logotype Stapling-machine blades	49
	Addressograph Co	Type and logotype	216.
	Volley Paper Co	Stapling-machine blades	165.
	C. C. Furniture Co	Mirror	100.
	Texas Printers' Supply Co	Type	6.
	Addressograph Co. S. J. Yarger Valley Paper Co. C. C. Furniture Co Texas Printers' Supply Co. J. H. Thiemeyer Adams Express Co. Central District and Printing Telegraph Co. Great Northwestern Telegraph Co. of Canada Home Telephone Co. Corvallis and Eastern R. R. Co Western Union Telegraph Co. Chesapeake and Ohio Rwy. Co. San Antonio and Aransas Pass Rwy. Co. Chicago and Alton Rwy. Co. New York, New Haven and Hartford R. R. Co.	Packing boxes.	12. 51.
	Adams Express Co	Express charges	8. 22. 119.
	Central District and Printing Telegraph Co	Telegraph services	22.
	Great Northwestern Telegraph Co. of Canada	do	119.
	Home Telephone Co	do	7.
	Corvails and Eastern R. R. Co	do	2.
	Change and Ohio Parry Co	Engight shapes	15, 354. 13.
	San Antonio and Aransas Pass Rwy Co	do •	6.
	Chicago and Alton Rwy Co	do	0.
	New York, New Haven and Hartford R. R.	do.	
	Co.		
	W. J. Crawford Minneapolis, St. Paul and Sault Ste Marie	Drayage Telegraph services	1.
	Minneapolis, St. Paul and Sault Ste Marie	Telegraph services	10.
	Rwy. Co.		
	Rising Sun Telegraph Line	do	2.0
	Rwy. Co. Risting Sun Telegraph Line Elizabeth City and Norfolk Telegraph Co. Philadelphia; Reading and Pottsville Telegraph Co.	do	4.
	rmiadelpma; Reading and Pottsville Tele-	do	
	graph Co.	Passanger transportation	3.
	Illinois Central R R Co	do	20.
	Southern Rwy. Co	do	20. 1 1. 5. 1
	The Western Rwy. of Alabama	do	5. :
	W. A. Mitchell	Express charges	6.8
	graph Co. Georgia R. R. Illinois Central R. R. Co. Southern Rwy. Co. The Western Rwy. of Alabama. W. A. Mitchell. T. F. Townsend. The Atlantic Electric Light and Power Co. Queen & Co. (Incorporated). Henry Dub	do	28. 28. 77.
	The Atlantic Electric Light and Power Co	Electric light	28.
	Queen & Co. (Incorporated)	Mercurial contacts	77.
	Henry Duhl Baumgardt Publishing Co. M. Krammer John Sands.	Painting	22.0
	M Wrommor	Classing clock	16. : 1. :
	Iohn Sande	Rangiring telegraph lines	3.0
	H A Poole	do	4.1
	John Jackson	do	2.0
	Chamberlain & Taylor.	Copy holder	2.0 2.7 18.0
	Henry Duhl	Stove coal	18.0
	Crocker, Wheeler Co	Gage brushes	1.0
	Amarillo Water, Light and Power Co	Electric globe	3.0 21.3
	Amarian Variet, Fight and Fower Co.  M. F. Hooper.  Duluth, South Shore and Atlantic Rwy. Co.  New Bedford, Marthas Vineyard and Nantucket Steamboat Co.  H. Hughes	Coal	21.3
	W. F. Hooper	Taking up cable. Freight chargesdo	25.0
	Now Redford Morther Vineward and Non-	r reight charges	1.0
	tuezet Steemboot Co		
	E. H. Hughes	Traveling expenses	2. 3
	J. A. Barwick	do	13.7
23	H. E. Hobbs	do	2. 5 13. 7 7. 9
	C. E. Johnson	Postal money orders	3.
	E. Hayte.	Repairing telegraph line	4.0
	W. Irving	do	2.0 3.7
	Western Union Telegraph Co	Wood	20. 6
	McEwer & Lauver	Colle	22. 8 22. 8 65. 0
	Lindstrom & Rorg	File cases	65.0
	Geo. Back	Repairing instrument shelter	3.0
	W. S. Jenks	Thermograph covers	18.0
		Satting case ate	1.6
	Addressograph Co		
	Addressograph Co	Ice augurs, etc	1.6 42.0
	tucket Steamboat Co. E. H. Hughes J. A. Barwick H. E. Hobbs. C. E. Johnson E. Hayte. W. Irving. Western Union Telegraph Co. McEwer & Lauver The Waterbury Battery Co. Lindstrom & Berg. Geo. Back W. S. Jenks. Addressograph Co. W. T. Wood & Co. J. F. Schopf U. B. Dedge. Yates & Co.	Ice augurs, etc	42.0 10.0 22.0

te.	Name.	Nature of payment.	Total.
)4.			
23	New York Laundry Works (Incorporated)	Towel supply	\$6.
	H E Chesnutt	Wheelparrow	2.
	F W Baily	Erecting river gauge	5.
	H H Hodgson	Rengiring typewriter	
	W O Stubbe	do	6.
	National Load Co	Starootypa matal	5.
	Pacific States Tolorhope and Tolograph Co	Talagraph carriage	5. 7.
	New York Laundry Works (Incorporated). H. E. Chesnutt F. W. Baily H. H. Hodgson W. O. Stubbs National Lead Co. Pacific States Telephone and Telegraph Co. West India and Panama Telegraph Co. (Limited).	do	
	Washington Southam Day	Evoight charges	1.
	Washington Southern Rwy Chesapeake and Ohio Rwy. Codo	do do	3.
	Chesapeake and Onio hwy. Co	do	0,
	Couthorn Dwy Co	do	2. 17.
	Southern Rwy. Co	do	2.
	Co.		4.
		do	
	Illinois Central R. R. Co	do	4.
	Co.		4.
	Co.	do	1
	Nashville, Chattanooga and St. Louis Rwy.	00	1.
	Co.	1.	0
	The Denver and Rio Grande R. R. Co		2.
	Pacific Coast Steamship Co. Cleveland, Cincinnati, Chicago and St. Louis	(10	
	Cleveland, Cincinnati, Chicago and St. Louis	do	1.
	RWY CO		
	Chicago, Burlington and Quiney Rwy. Co Washington County R. R. Co Boston and Maine R. R. Co.	do	
	Washington County R. R. Co	do	1.
	Boston and Maine R. R. Co	do	
	Pennsylvania Co J. H. Kimbali A. Brand F. F. Bossnot	-,do	
	J. H. Kimbali	Traveling expenses	15.
	A. Brand	Drayage, etc	õ.
	F. F. Bossnot	Supports for sunshine recorder	2.
	R. D. Noe	Installing waste valve	10.
	Addressograph Co	Addressograph parts	4. 13.
	L. Link	Wood	13.
	J. F. Howison	Repairing typewriter	õ.
	Union Pacific R. R. Co	Freight charges	18.
	Forsberg and Murray	Repairs to engine, etc	84.
	do	Fire hose	10.
	F. F. Bossnot R. D. Noe Addressograph Co L. Link J. F. Howison Union Pacific R. R. Co Forsberg and Murray do Lamb & Tilden	Rubber stampsdo	1.
	do American Writing Machine Co.	do	1.
	American Writing Machine Co	Repairing typewriter Platen Paper, letter presses, etc Bookcase Instrument shelters	31.
		Platen	3.
	Estate of John C. Parkerdo J. E. Turton The J. C. Ergood Co. John Moran W. B. Moses & Sons J. Baumgarten & Sons. Standard Oil Co.	Paper, letter presses, etc	393.
	T. D. W	Bookcase	17.
	J. E. Turton.	Instrument shelters	729.
	The J. C. Ergood Co.	Corn starch.	1.
	John Moran	Sprinklers	3.
	W. B. Moses & Sons.	Rugs Stamps	3. 127. 4.
	J. Baumgarten & Sons	Stamps	4.
	Standard Oil Co	Oil. 1	8.
	G W Willow & Co	Ink	41.
	Wm Rellentyne & Cons	Distinguis	105. 48.
	F. Morrison Poper Co.	Postsboard ineksts	48.
	P. P. Androws & Co. (Incomposited)	Paper Dictionaries Pasteboard jackets Cardboard	6.
	Standard Oil Co. W. H. Rupp Co. G. W. Millar & Co. Wm. Ballantyne & Sons. E. Morrison Paper Co. R. P. Andrews & Co. (Incorporated) E. G. Schafer & Co.	Hose hibbs	6. 2.
	C. A. Muddiman & Co	Hose bibbs Hanging lamp	2. 5.
	P Corter Rellentune	Pagard hooks and paper	50.
	Sutherland & Corn	Tron weights	50.
	The Maurice Joyce Engreying Co	Photo ongraving plates	7. 78.
	do	do	11.
	Library Ruragu	Record books and paper Iron weights Photo engraving plates do Cards	3,
	R. Carter Ballantyne Sutherland & Carr The Maurice Joyce Engraving Co. do. Library Bureau John Hansen	Panairing aloak	ð,
			4. 18.
	Clark & Davennort	Linolaum	9.
	United States Evarges Co	Express charges	
	Remington Typewriter Co	Ranging typownites	6. 13.
	Clark & Davenport United States Express Co. Remington Typewriter Co.  do The Smith Premier Typewriter Co.  do James B. Lambie Co. (Incorporated)	Linoleum Express charges Repairing typewriter Typewriter ribbons	
	The Smith Premier Typeswriter Co	Typewriter 11000HS	1.
	do	Panairing typowritin	92.
	James P. Lambia Co. (Incompand to 1)	Repairing typewriter	20.
	James D. Lampie Co. (Incorporated)	Door bondles	1.
	do do	Drop Handles	4.
	do	Den lacing	3.
	do	Via	7.
	do.	Typewriter ribbons Typewriter, etc. Repairing typewriter Lock, etc. Drop handles Belt lacing. Oil can Vice Drill.	
	do do Woodward & Lothrop do	Drill	1.
	Wasdened & Tathara	Shell blocks	2. 31. 457.
		110015	31

ate.	Name.	Nature of payment.	Total
.904.			
r. 23	Paul De Graw	Subsistence and rent of rooms	\$80.
	H. L. Smith	Oil	\$80. 3.
	H. L. Smith Marthas Vineyard Telegraph Co W. M. Wilson Cutrell & Leffingwell H. H. McNeil R. D. Noe C. B. Scott	Telegraph services.	48.
	W. M. Wilson	Station expenses Transportation of employees, etc.	15.
	Cutrell & Leningwell	Transportation of employees, etc.	50, 95.
	R D Noe	Printing annual summary, etc Installing electric-light fixtures	40
	C. B. Scott	Coal	60
	G. B. Scott. G. E. Lawton H. W. Grasse.	Coal	60.
	H. W. Grasse	Electric light and drayage	4
	A. Zappone E. H. Nimmo A. A. Finek A. H. Thiessen	Traveling expenses	3
	E. H. Nimmo	Station expenses	.2
	A. A. FINCK	Traveling annual summary	2. 47. 79.
31	A. H. Thiessen John Driscow G. E. Franklin R. Carter Ballantyne. Estate of John C. Parker The Friedenwald Co Citizens Bank of Norfolk, Va. C. M. Beeson. Conrad National Bank	Traveling expenses	79.
01	G E Franklin	Station expenses	12
	R. Carter Ballantyne	Pens and pencils	2 12 204
	Estate of John C. Parker	Paper, erasers, etc	404.
	The Friedenwald Co	Paper	404 760
	Citizens Bank of Norfolk, Va	Office rent	131. 88.
	C. M. Beeson	do	88,
	C. M. Beeson Conrad National Bank Law Building Co. Frank Leddy, agent Mally Building. Estate of S. Marks & Co. Bank of Tehama County Consolidated Improvement Co. T. B. Catron Taylor National Bank Edgar Harding Jose Valenti D. Hope Ross Adam Geiger	do	67 62 150
	Event Leddy organt Welly Puilding	do	150
	Estate of S Marks & Co	do	84
	Bank of Tehama County	do	99
	Consolidated Improvement Co	do	165
	T. B. Catron	do	165 105
	Taylor National Bank	do	143
	Edgar Harding	do	85.
	Jose Valenti	do	75. 72.
	Adam Coigar	dodo	60.
	Welle Welle Lodge No 56 L O O F	do	84.
	A. J. Knight	do	82
	Marquette County Savings Bank	do	90.
	Dent & Butler	do	105.
	Adam Geiger Walla Walla Lodge, No. 56, I. O. O. F. A. J. Knight Marquette County Savings Bank Dent & Butler Tacoma Chamber of Commerce and Board of	do	75.
	rrade.		
	F. E. Warren Mercantile Co. Loan and Exchange Bank of South Carolina.	do	155.
	The Fermion's National Bank of South Carolina.	do	150.
	International Ocean Telegraph Co	Telegraph services	94. 211.
	Dunn & Lemmon	Printing annual summary	50. 20. 11. 31. 2. 39.
	Texas and Pacific Rwy. Co.	Freight charges	20.
	W. B. Moses & Sons	Desk	11.
	Rudolph, West & Co	Sash chain, bolts, etc	31.
	W. H. Dyer	Sawdust	1.
	C. R. Edmonston	Cuspidors	2.
	Mackell Pres	Carpet	5.
	F. E. Warren Mercantile Co. Loan and Exchange Bank of South Carolina. The Farmer's National Bank of Fresno International Ocean Telegraph Co. Dunn & Lemmon. Texas and Pacific Rwy. Co. W. B. Moses & Sons. Rudolph, West & Co. W. H. Dyer. C. R. Edmonston. Clark & Devenport. Mackall Bros. Delano & Moore. Woodward & Lothrop. John Moran. Forsberg & Murray. Barber & Ross. Geo. F. Muth & Co. do. Telephone Co. of South Jersey. South Carolina Long Distance Telephone Co. Santa Fe Electric Telephone Co. Santa Fe Electric Telephone Co. Pacific States Telephone and Telegraph Co. Bell Telephone Co. J. C. Entwistle. Hammatt Contracting Co. L. C. Hall. L. H. Jones	Film packs, etc.	6.
	Woodward & Lothrop	Rug.	30.
	John Moran	Cesspool.	13.
	Forsberg & Murray	Repairing engine	13.
	Barber & Ross	Iron, glue, etc	34.
	Geo. F. Muth & Co.	Paper	· 10.
	Tolophone Co. of Courth Lawren	Tolophono corrigos	15.
	South Caroline Long Distance Telephone Co.	do	5. 10.
	The Southern New England Telephone Co.	do	36.
	Santa Fe Electric Telephone Co	do	6.
	Pacific States Telephone and Telegraph Co	do	9.
	Bell Telephone Co	do	9. 29.
	J. C. Entwistle	Engraving chart	10.
	Hammatt Contracting Co	Erecting storm-warning tower	82.
	L. C. Hall	Repairing telegraph line	2.
	Dolono & Moore	Plates	2. 2. 8.
	S A Bristol	Plates Binding weather map	4.
	L. C. Hall L. H. Jones Delano & Moore S. A. Bristol The Port Royal Dock Co United States Mailing Case Co Standard Oil Co West Virginia Central and Pittsburg Rwy.	Coal Mailing cases Gasoline Passenger transportation	14.
	United States Mailing Case Co	Mailing cases	30.
	Standard Oil Co.	Gasoline	20.
	West Virginia Central and Pittsburg Rwy.	Passenger transportation	3.
	Co.		
	Lehigh Valley R. R. Co. Washington Southern Rwy. Co. New Orleans and Northeastern R. R. Co. Seaboard Air Line Rwy.	do	3.
	Washington Southern Rwy. Co	do	8.
	New Orleans and Northeastern R. R. Co	ao	9. 15.

Date.	Name.	Nature of payment.	Total.
1904.			
Mar. 31	Galveston, Houston and Northern Rwy. Co. Cincinnati, Hamilton and Dayton Rwy. Co. The Pennsylvania R. R. Co. F. Jermin W. S. Palmer A. Zappone Joseph Brown Southern Bell Telephone and Telegraph Co. American Tyre Equipmes Co.	Passenger transportation	\$12.3
	The Pennsylvania R. R. Co	do	23.3 36.5
	F. Jermin	Traveling expenses	8.2
	W. S. Palmer	do	4.0
	A. Zappone	do	33.9
	Southern Bell Telephone and Telegraph Co	Telephone services	8.5 9.0
	Southern Bell Telephone and Telegraph Co. American Type Founders Co. J. Leeds J. J. Freeman & Co. Addressograph Co. C. A. Blumner John Turnbull, jr., & Co. Standard Oil Co. Pennsylvania Telephone Codo. A. L. Crumpton O. Howard Julien P. Friez Tampa Electric Co. Pacific States Telephone and Telegraph Co. Carmelo Sevilla. Statesman Printing Co.	Telephone services Glue, etc. Painting sign Cleaning thermograph clock Logotype Cleaning office Bookcase Oil Telephone services	7.5 3.0
	J. Leeds	Painting sign.	3.0
	Addressograph Co	Logotype.	2.5 3.0
	C. A. Blumner	Cleaning office	15.0
	John Turnbull, jr., & Co	Bookcase	15.0 27.0 12.5
	Pennsylvania Telephone Co	Telephone services	18.0
	do	do	8. 2 . 7 5. 0
	A. L. Crumpton	Washing towels	. 7
	U. Howard	A nemometer supports	9.0
	Tampa Electric Co	Electric light	
	Pacific States Telephone and Telegraph Co	Telegraph services	16.4
	Carmelo Sevilla	Electric light Telegraph services Cleaning office Printing annual summary	5.0
	Ocean Tow Boat, Line	Telegraph services	44.0 8.0
	The Denver and Rio Grande R. R. Co	Freight charges	2.4
	C. H. Mallory & Co	do	2.5
	C. M. Coffin Western Union Tolograph Co	Repairing telegraph line	12. 0 6. 9
	Thompson Lithographing and Printing Co	Printing annual summary	110.0
	A. H. Revell & Co.	Repairing desk	1.5
	C. M. Letts	Cleaning carpet	8.5
	James B. Lambie Co. (Incorporated)	Soldering set	2. 50 1. 0
	American Type Founders Co.	Printing materials.	7. 1
	Yates & Co	Benzine	1.0
	American Type Founders Co	Packages copper spaces	1.50 3.20
	Pacific States Telephone and Telegraph Co-Carmelo Sevilla. Statesman Printing Co-Ocean Tow Boat Line. The Denver and Rio Grande R. R. Co. C. H. Mallory & Co. C. H. Mallory & Co. C. M. Coffin. Western Union Telegraph Co. Thompson Lithographing and Printing Co. A. H. Revell & Co. C. M. Letts. Bingley Photo Engraving Co. James B. Lambie Co. (Incorporated). American Type Founders Co. Yates & Co. American Type Founders Co. Oklahoma Ice and Brewing Co. James Milton. Barnhart Bros. & Spindler Sydnor & Hundley Lynchburg Telephone Co. Union Trust Co., Detroit. Southern Bell Telephone and Telegraph Co. G. L. Lovett. Paine Bros. Peter Sonna.	Installing sewer system	116.00
	Barnhart Bros. & Spindler	Type	3.7
	Sydnor & Hundley	File case	20.00
	Union Trust Co. Detroit	Telephone services	3. 0 15. 0
	Southern Bell Telephone and Telegraph Co	do	21.0
	G. L. Lovett. Paine Bros. Peter Sonna.	Office rent.	105.00 77.70 120.00
	Peter Sonna	do	120.0
	Fremont Lumber Co.	do	87. 7
	Orson, Adams, jr	do	120.0
	Prudential Building Co	do	170.00
	West Virginia Western Telephone Co	Telephone services	1.0
	do.	do	4.5
	Western Union Telegraph Co.	Telegraph services	. 30 4. 50 221. 62 67. 23
	Chicago Burlington and Quiney Rwy, Co.	Freight charges	67. 2 1. 6-
	Peter Sonna Fremont Lumber Co. Orson, Adams, jr. Prudential Building Co. Postal Telegraph Cable Co. of Texas. West Virginia Western Telephone Co. do. Western Union Telegraph Co. Great Northern Rwy. Co. Chicago, Burlington and Quincy Rwy. Co. B. F. Larcombe et al.	Pay roll, printing office	2,643.32
	Total third quarter		138, 130. 75
Apr. 8	New Haven, substations	Pay roll	48.00
•		do	36.00
	R. J. McMaster.	Services.	15.00
	R. J. McMaster C. M. Strong E. L. Wells	do do	4. 48 1. 00
	L. C. Cover	Drayage, etc.	5.66
	N. R. Taylor	Drayage.	2. 75 22. 73
	E. L. Wells L. C. Cover N. R. Taylor J. R. Williams H. C. Bate E. M. Minehart L. H. Murdoch	Drayage etc	22. 73 3. 45
	E. M. Minehart.	Traveling expenses	4.50
	L. H. Murdoch.	do	18. 28 7. 28
	E. J. Phelps	do. do. Services Express charges do. Drayage, etc. Drayage, etc. Changing roof equipment. Drayage, etc. Traveling expenses do Ink and mucilage Painting instrument shelter. Painting instrument shelter. Coal.	7. 28
	H. S. Hudgins	Painting office sign	10.00 10.00
	W. H. Myer & Co	Painting instrument shelter.	15.00
	E. J. Freips Fred Wimhurst H. S. Hudgins W. H. Myer & Co Geo. W. Taylor & Co C. R. Carlin American News Co Stoll & Theyor Co	Coal	21.80
	A merican News Co	Making connections with tank Miscellaneous supplies	25. 00 57. 07
	Stoll & Thayer Co. W. H. Bond.	Rubber type	30.00
	TY TY TO I	B	12.0

Date.	Name.	Nature of payment.	Total
1904.	·		
or. 8	Delano & Moore	Cameras, etc	\$157
	O. I. Mairs J. B. Smith	Office rent	90
	J. B. Smith	do	75
	J. B. Smith W. H. Dann Bell Telephone Co. of Buffalo. Rocky Mountain Bell Telephone Co. Southern States Telephone Co. Atlantic Coast Line R. R. Co. Portland and Rumford Falls Rwy. Detroit and Mackinac Rwy. Co. Southern Rwy. Co. Town of New Shoreham. Louisville and Nashville R. R. Co. Chicago, St. Paul, Minneapolis and Omaha Rwy. Co.	Telephone services	72 15
	Rocky Mountain Bell Telephone Co.	do	9
	Southern States Telephone Co	do	9
	Atlantic Coast Line R. R. Co	Passenger transportation	10
	Portland and Rumford Falls Rwy	Freight charges	1
	Southern Pary Co.	do	9
	Town of New Shoreham	do	2
	Louisville and Nashville R. R. Co.	do	2
	Chicago, St. Paul, Minneapolis and Omaha	do	1
	Rwy. Co.	,	
	Chicago, Milwaukee and St. Paul Rwy. Co	do	12
	R. J. Waldron	Traveling expenses	10
	W. W. Carlisle	do	7 14
	L. C. Fisher	do	29
	J. A. Balster	Shocing horses, etc	6
	W. T. Blythe	Express charges	10
	Rwy. Co. C. H. Mallory & Co. B. L. Waldron W. W. Carlisle L. C. Fisher J. A. Balster W. T. Blythe W. L. Day C. C. C. Garrett	Washing towels	1 3
	J H Smith	Station expenses	7
	M. A. Butler A. W. Kennie Chicago Auditorium Association American Surety Co. of New York T. M. Jeffris & Co. Michigan Trust Co. Building A. L. Cook Yale Hicks, agent Bank of Wytheville, Va. Wytheville Telephone Co. Independent Telephone Co. Independent Telephone Co. of Philadelphia. The Bell Telephone Co. of Philadelphia. The Bell Telephone Co. Central Union Telephone Co. New York Telephone Co. New Telephone Co. The Great Western Publishing Co. Indianapolis Light and Power Co. Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.	Telephone services	i
	A. W. Kennie	Office rent	75
	Chicago Auditorium Association	do	437
	American Surety Co. of New York	do	875
	Michigan Trust Co. Ruilding	do	125 350
	A. L. Cook	do	90
	Yale Hicks, agent.	do	120
	Bank of Wytheville, Va	do	100
	Wytheville Telephone Co	Tclephone services	3
	The Verset and Telephone Co. of Philadelphia		7 20
	The Rell Telephone Co. of Philadelphia	do	17
	New York Telephone Co	do	60
	Central Union Telephone Co.	do	18
	New Telephone Co	do	10
	The Great Western Publishing Co	Printing annual summary	68
	Minneapolis Ct Doul and Coult Sto Marie	Telegraph convices	18 9
	Rwy. Co.	Telegraph services	ð
	Southern Bell Telephone and Telegraph Co	do Drop lights Printing supplies Electric motor	7
	Northern Electrical Co. Barnhart Bros. & Spindler.	Drop lights	8
	Barnhart Bros. & Spindler	Printing supplies	5
	Raymond Electrical Co	Electric motor	2 5
	The Consumers Co. H. M. Caswell	Installing electric light	1
	Bendernagel & Co.	Installing electric light Recasting rollers	4
	W. H. Hoskins Co.	Binding pads	5
	Southern Bell Telephone and Telegraph Co	Telephone scrvices	12
	Bendernagel & Co. W. H. Hoskins Co. Southern Bell Telephone and Telegraph Co. W. S. Rowe The Southwestern Telegraph and Telephone	do	15 15
	Co.		
	The Colorado Telephone Co.	do	12
	Kalispell Water and Electric Co	do	12
	Co. The Colorado Telephone Co Kalispell Water and Electric Co. Mississippi Valley Telephone Co. Pacific States Telephone and Telegraph Co. Rocky Mountain Bell Telephone Co. Rocky Mountain Bell Telephone Co. Lamed Telephone Co. Idaho Independent Telephone Co. Rocky Mountain Bell Telephone Co. The Inland Telephone and Telegraph Co. Wichita Independent Telephone Co. The Telephone Co. The Telephone Co.	do	6
	Pacific States Telephone and Telegraph Co	do	15
	Southern Rell Telephone and Telegraph Co	do	3
	Larned Telephone Co	do	• 3
	Idaho Independent Telephone Co	do	12
	Rocky Mountain Bell Telephone Co	do	8
	The Inland Telephone and Telegraph Co	do	9
	The Tolcdo Home Telephone Co	do	16
	Snickersville Telephone Co.	do.	7
	Snickersville Telephone Co Sunset Telephone and Telegraph Co Consolidated Telephone Co. The Southwestern Telegraph and Telephone	do	7 6
	Consolidated Telephone Co	do	5
	The Southwestern Telegraph and Telephone	do	7
			7
	The San Antonio Telephone Co. San Antonio Gas and Electric Co. F. L. Knight A. Klein Joe Campbell	Electric light	3
	F. L. Knight	Washing towels,	1
			2

## $\label{lem:expenditures} \textit{Expenditures of the Department of Agriculture for fiscal year ending June~30,~1904---Cont'd.}$

ate.	Name.	Nature of payment.	Tota
004.			
. 8	I. W. Appleton Lone Star Ice Co G. Rivenburg P. A. F. Walter, postmaster E. L. Tyrrell Babbitt Bros	Repairing telegraph line	\$14
	G. Rivenburg	dodo.	4 2
	P. A. F. Walter, postmaster	Rent of post-office box	]
	E. L. Tyrrell.	Repairing clock.	2
			6
	J S Craigo		
	L. M. Arey. W. M. Small. Standard Oil Co.	Repairing clock	
	Standard Oil Co	Parts for tower	
	W. A. Coble.  Aexander Yost Co. C. S. Stephens. St. Louis Printers' Supply Co. Hoke Engraving Plate Co.	Surveying levels Wireless telegraph supplies. Taking observations Printing materials Recoating base plates	10
	Aexander Yost Co	Wireless telegraph supplies	
	St. Louis Printers' Supply Co	Printing materials	10
	Hoke Engraving Plate Co	Recoating base plates	12:
	do	Froight charges	213
	do	do	
	do	do	
	Michigan Central R R Co	do	
	do	do	
	Wabash R. R. Co.	do	
	Texas-Mexican Rwy Co	do	
	Maine Central R. R. Co.	do	
	Hoke Engraving Plate Codododododododo	do	
	Chesapeake and Ohio Rwy. Co	do.	
	Town of New Shoreham	do	
	Grand Rapids and Indiana Rwy. Co	do	
	Narragansett Pier R. R. Co.	do	
	Missouri Pacific Rwy. Co	do	
	Vow York Philadelphia and Norfolk R. R. Co	do	
	Lehigh Valley R. R. Co	do	2:
	Steamer W. G. Butman	do	
	W. R. MOTION Estate of Edward Hayden	Drayage	
	W. S. Belden	Traveling expenses	1,050
	Estate of John C. Parker.	Paper	1,05
	Albert Marty	Omce rent	16
	O. I. Taylor	Rent of roof.	10
	E. S. Hughes	Office rent	9. 7:
	D. Horton	do	120
	City of Palestine, Tex	do	78 12
	The Chemical Ruilding Co	do	12 450
	Margaret Parmentier	do	74
	Asheville Library Association	do	73
	La Crosse Telephone Co	Telephone services	1
	Central Union Telephone Co.	do	2
	Wisconsin Telephone Co	do	
	Cumberland Telephone and Telegraph Co	do	1.
	Southern Bell Telephone and Telegraph Co	do	
	Sunset Telephone and Telegraph Co	do	18
	do	do	8
	Cumberland Telephone and Telegraph Co	do	7
	Baltimore and Ohio Southwestern R. R. Co-Galveston, Harrisburg and San Antonio Rwy. Co. Chesapeake and Ohio Rwy. Co. Town of New Shoreham. Grand Rapids and Indiana Rwy. Co. O'Callaghan, Nelson & Co. Narragansett Pier R. R. Co. Missouri Pacific Rwy. Co. Colorado and Southern Rwy. Co. New York, Philadelphia and Norfolk R. R. Co. Lehigh Valley R. R. Co. Steamer W. G. Butman. W. R. Morton. Estate of Edward Hayden. W. S. Belden. Estate of John C. Parker. The Guarantee Loan and Trust Co. Albert Marty. O. I. Taylor. E. S. Hughes. B. S. Williams. D. Horton. City of Palestine, Tex Emily Culbertson. The Chemical Building Co. Margaret Parmentier. Asheville Library Association Bluff City Telephone Co. Central Union Telephone Co. Central Union Telephone Co. Central Union Telephone and Telegraph Co. Southern Bell Telephone and Telegraph Co. New England Telephone and Telegraph Co. Cumberland Telephone and Telegraph Co. New England Telephone and Telegraph Co. Charleston Consolidated Railway, Gas, and Electric Co. do. W. V. Hughes.	Electric light.	8
	do. W. V. Hughes Georgetown Electric Co. St. Louis Toilet Supply Co.	do	9
	Georgetown Electric Co.	do	8
	St. Louis Toilet Supply Co J. H. Groot	Towel supply	4
	L. E. Wilson	Washing towels	1
	Galveston Gas Co	Gas	10
	T. C. Spain Wm. H. Wranek	Oil Mucilage	3
	F. S. Johnson The Federal Manufacturing Co	THE UCHAGO	ć

WHE EEF TO COLUMN STATES AND C	Alabama. Mississippi and Tennessee Telephone Co.  V. A. Mitchell. I. C. Howe. Parkersburg, substations. Macon, substations. A. B. Wallaber. A. E. Hackett. M. Farr. J. H. Emery. H. Clarke. J. H. Emery. Pacific Club. W. Pollman. Indianapolis Gas Co. A. G. McAdie. F. F. Townsend. Wilmington substations. J. A. Beals. W. A. Beals. W. G. Burns. M. Chappel. W. S. Palmer. J. H. Murdoch. W. S. Palmer. J. H. Murdoch. W. S. Palmer. J. H. Murdoch. J. P. Bolton. J. N. Jesunofsky. Southern Bell Telephone and Telegraph Co. Consolidated Telephone Co. Consolidated Telephone Co. Consolidated Telephone Co. Cast Tennessee Telephone Co. Rexieutural and Mechanical College of Kentucky.	Station expenses Office rent do do Traveling expenses do Pay roll Station expenses Drayage, etc do Station expenses Drayage, etc dray Telephone rent and repairing clock Telephone services and drayage Telephone services do	\$6. 2. 2. 84. 66. 44. 181. 9. 8. 33. 65.5 112. 256. 3. 11. 72. 2. 7. 26. 6.
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F F T N F A A S J J M C C C	P. Bolton N. Jesunofsky N. Jesunofsky Phe Pennsylvania Telephone Co Consolidated Telephone Companies of Pennsylvania. Fayette Home Telephone Co Fayette Home Telephone Co.	clock. Telephone services and drayage Drayage. Telephone services. do. do.	2.
F F T N F A A S J J M C C C	P. Bolton  N. Jesunofsky.  Southern Bell Telephone and Telegraph Co.  The Pennsylvania Telephone Co.  Consolidated Telephone Companies of Pennsylvania.  Fayette Home Telephone Co.  Fayette Home Telephone Co.	Telephone services and drayage Drayage Telephone servicesdodo	2.
F F T N F A A S J J M C C C	Southern Bell Telephone and Telegraph Co The Pennsylvania Telephone Co Consolidated Telephone Companies of Penn- sylvania. Fayette Home Telephone Co	Telephone services	24
F F T N F A A S J J M C C C	The Pennsylvania Telephone Co. Consolidated Telephone Companies of Pennsylvania. Fayette Home Telephone Co. Fayette Home Telephone Co. Fayet Tennessee Telephone Co.	do	
F F T N F A A S J J M C C C	Consolidated Telephone Companies of Pennsylvania. Fayette Home Telephone Co.	do	11.
F F T N F A A S J J M C C C	sylvania.  System Home Telephone Co.  Fast Tennessee Telephone Co.		9.
S J M C C C	Fayette Home Telephone Co		
S J M C C C		do	4. 9.
S J M C C C	Pha Clavaland Talanhana Co	do	33.
S J M C C C	New England Telephone and Telegraph Co.	do	14.
S J M C C C	Edison Sault Electric Co	Electric light	14. 16.
S J M C C C	Agricultural and Mechanical College of Ken-	do	3.
	tucky.	0.00	20.5
	Society for Savings	Omce rent	285.
	Muckerman Ica and Coal Co	Tee	118. 3.
	Chicago and Northwestern Rwy Co	Passenger transportation	44.
	Crucible Steel Co. of America	Drill rods	6.
	tucky. Society for Savings. I. L. Connell. Muckerman Ice and Coal Co Chicago and Northwestern Rwy. Co Crucible Steel Co. of America H. M. Caswell.	Lamps and installing lights in	13.
1		Delimening bulleting	15.
V	Illinois District Telegraph Co	Traveling expenses Station expenses Services	3.
S	S. S. Bassler. M. A. Webster J. E. Gathfield	Station expenses	4. 17.
A	M. A. Webster	Services :	
J	J. E. Gathfield	do	60.
C	O. W. Schmid	do	6. 30.
2	S. W. Lightner	Pay roll	45.
Ĩ.	Norfolk substations	do	130.
Ī	J. E. Gathfield C. W. Schmid S. W. Lightner New York substations Norfolk substations Philadelphia substations E. B. Calvert C. A. Hyle B. M. Geddings	do	69. 3.
F	E. B. Calvert	Traveling expenses	3.
C	C. A. Hyle	Drawn and rong into a temporarity	10.
Ė	R. M. Geddings	Introducing and repairing typewriter	3
1	P Connor	Street-car fare	3. 9.
Î	R. W. Clement	Services	10.
1	W. Ellis	do	9.
, I	W. B. Clay	Gas generators	469.
1	The Union Ice Co.	Telephone convices	9.
P	Sunset Telephone and Telegraph Co	do.	4.
I	J. E. Dooly	Office rent	150.
7	The Hayden Co	do	300.
J	J. K. Porter	do	150.
(	C. A. Hyle R. M. Geddings. F. W. Conrad. P. Connor. R. W. Clement. W. Ellis. W. B. Clay. The Union Ice Co. Asheville Telephone and Telegraph Co. Sunset Telephone and Telegraph Co. J. E. Dooly. The Hayden Co. J. K. Porter. Chamber of Commerce Building Co Board of County Commissioners, Humboldt County, Nev.	00	150. 93. 67.
1	County Nev		07.
T	Los Angeles Trust Co.	do	195.
Ī	V F Coko	do	60.
Î	R. T. CORC	do	279.
(	Empire Building Trust	do	94.
J	County, Nev. Los Angeles Trust Co. K. F. Coke. Empire Building Trust. C. J. Buell. J. L. Keating. Improvement Loan and Trust Co. W. Talbott.	do	96. 206.

WEATHER	BUREAU.	GENERAL	EXPENSES—Continue	hd.

te.	Name.	Nature of payment.	Total
)4.			
15	A. B. Smith. The Northwest Telephone Exchange Co Columbus Citizens' Telephone Co. Central Union Telephone Co. Union Trust Co., receiver Michigan Telephone Co.	Office rent	\$85
	The Northwest Telephone Exchange Co	Telephone services	21
	Columbus Citizens' Telephone Co	do	10
	Central Union Telephone Co	do	15
	Union Trust Co., receiver Michigan Telephone Co. Citizens' Telephone Co. of Muskegon Nantucket Gas and Electric Co. Cape May Light and Power Co. People's Gaslight and Coke Co. A. A. Finck W. B. Lount Johnson & Johnson H. W. Gross. Estate of John C. Parker W. H. Wilson	do	28.
	Citizens' Telephone Co. of Muskegen	do	6
	Nantucket Gas and Floetric Co.	Electric light	6.
	Cane May Light and Power Co	do	7.
	People's Gaslight and Coke Co	Gas	13
	A. A. Finck	Printing climate and crop reports.	6.
	W. B. Lount	Ice	4.
	Johnson & Johnson	Wood	4.
	H. W. Gross.	Nozzle	1.
	Estate of John C. Parker	Paper	68.
	W. H. Wilson	Coal	96
	W. H. Wilson G. D. Page Duluth Van and Storage Co. H. B. Hersey	Drayage	2 7 27
	H R Herson	Traveling expenses	27
	D. Cuthbertson.	Station expenses	10.
	E. C. Vose	do	10.
	D. Cuthbertson E. C. Vose J. B. Marbury J. W. Smith W. S. Belden J. W. Bauer A. E. Hackett J. N. Ryker Estate of J. G. Hatch Nebraska Telephone Co The Central District and Printing Telephone Co	Drayage, etc	4
	J. W. Smith	Station expenses	8
	W. S. Belden	do	8
	J. W. Bauer	do	5.
	A. E. Hackett	Drayage, etc.	ō
	J. N. KYKET.	Electric light	20
	Nobrealta Tolophone Co	Telephone compiens	64 21
	The Central District and Printing Telephone	do	25
	Co.		00.
	Sunset Telephone and Telegraph Co	do	15
	Citizens' Telephone Co	do	13.
	Cumberland Telephone and Telegraph Co	do	21
	Louisville Home Telephone Co	do	21 12
	Idaho Independent Telephone Co	do	2. 7. 21. 15.
	Southern Bell Telephone and Telegraph Co	do	7.
	do.	do	21.
	Nobrestern Telegraph and Telephone Co	do	15. 15.
	Rocky Mountain Ball Talanhone Co	do	2.
	Wisconsin Telephone Co	do	31
	Hudson River Telephone Co	- do	31 16
	Mutual Telephone Co	do	11.
	Improvement Loan and Trust Co	Electric light	8 27 9
	E. A. Born	do	27.
	Annapolis Gas and Electric Light Co	do	9.
	Mutual Light and Water Co	do	7.
	The United Electric Light and Power Co	Tile of oil and oil an	9.
	Consolidated Cas Co. of Your Jargor	do.	30.
	Lincoln Traction Co	do	7 13
	Baumgardt Publishing Co	Printing climate and crop bulle-	13.
	3	tins.	10.
	Co. Sunset Telephone and Telegraph Co. Citizens' Telephone Co. Citizens' Telephone Co. Cumberland Telephone and Telegraph Co. Louisville Home Telephone Co. Idaho Independent Telephone Co. Oouthern Bell Telephone and Telegraph Co. Oo. Southern Bell Telephone and Telegraph Co. Oo. Southwestern Telegraph and Telephone Co. Webraska Telephone Co. Hocky Mountain Bell Telephone Co. Wisconsin Telephone Co. Hudson River Telephone Co. Mutual Telephone Co. Mutual Telephone Co. Mutual Telephone Co. Mutual Light and Trust Co. E. A. Born. Annapolis Gas and Electric Light Co. Mutual Light and Water Co. The United Electric Light and Power Co. Max Levy. Consolidated Gas Co. of New Jersey. Lincoln Traction Co. Baumgardt Publishing Co. Statesman Printing Co. Arizona Publishing Co. Arizona Publishing Co. American Toilet Supply Co. American Linen Supply Co. American Toilet Supply Co. American Toilet Supply Co. M. T. Hayden. Burlington and Missouri River R. R. in Nebraska. Burlington and Atlantic Rwy. Co.	do	76.
	Arizona Publishing Co	do	66.
	American Linen Supply Co.	Towel supply	3.
	American Toilet Supply Co	do	2.
	C. A. Johnson	Washing towels	3.
	M. T. Hayden	00	3.
	Rurlington and Missouri River R. P. in Vo	Paggangar transportation	3. 3.
	braska.	r assenger transportation	3.
	Duluth, South Shore and Atlantic Rwy, Co.	do	18.
	Duluth, South Shore and Atlantic Rwy. Co Rising Sun Telegraph Line Dakota Central Telephone Lines (Incorpo-	Telegraph services	9
	Dakota Central Telephone Lines (Incorpo-	do	2. 87.
	rated).		
	H. Parker Rolfe	Photographs	6.
	Arnold & Wetherbee	Repairing electric circuit	97.
	W. R. Taylor	Erecting storm-warning tower	97.
	Rated).  H. Parker Rolfe.  Arnold & Wetherbee.  W. R. Taylor.  Berggren Electric Co.  Barnhart Bros. & Spindler.  A. G. Burns.  G. E. Grimes.  I. I. Cline.	Electrical supplies	16.
	Barnnart Bros. & Spindler	Printing supplies	2.
	A. G. Burns	Manay and and a to	1.
	I. I. Cline	Drayage etc	1. 2.
	G. E. Offines C. F. von Herrmann F. R. Beahan L. C. Ballard D. F. Thompson	do do	9.
	F. R. Beahan	Renairing span wire	12
	L. C. Ballard	Services	12. 4.
	L. C. Ballard	Services	

Date.	Name.	Nature of payment.	Total	
1904.				
r. 15	D. F. Weber N. W. Wagner Chas. Ebbinghausen C. P. Blachly C. P. Disney J. E. Cotter H. D. Pillichody Zenith City Telephone Co J. E. Garrett C. F. von Herrmann J. M. Kirk J. H. Robinson G. W. O'Brien Northwestern Mutual Life Insurance Co. of Milwaukee.	Services	\$4	
	N. W. Wagner	do	21	
	Chas. Ebbinghausen	do	4	
	C. P. Blachly	do	9 7 15 30	
	I F Cottor	do	15	
	H. D. Pillichody	do	30	
	Zenith City Telephone Co.	Telephone services	7	
	J. E. Garrett.	Washing towels.		
	C. F. von Herrmann	Traveling expenses	34	
	J. M. Kirk	do	28 23	
	J. H. KODINSON	do	23	
	Northwestern Mutual Life Incurence Co. of	Office rent	18 125	
٠,	Milwaukee.	do	120	
	Milwaukee. D. L., G. C., S. C. Buhne and M. C. Pratt Cleary Bros Wm. Curry's Sons Southern Bell Telephone and Telegraph Co. Pacific States Telephone and Telegraph Co. Sunset Telephone and Telegraph Co. New York and Pennsylvania Telephone and Telegraph Co. Union Trust Co., receiver Michigan Telephone Co.	do	92	
	Cleary Bros.	do	92 135	
	Wm. Curry's Sons.	Rent of boathouse	24 8 4	
	Southern Bell Telephone and Telegraph Co	Telephone services	8	
	Pacific States Telephone and Telegraph Co	do	4	
	Sunset Telephone and Telegraph Co	do	15	
	New York and Pennsylvania Telephone and	do	12	
	Union Trust Co. receiver Michigan Tole-	do	85	
	phone Co.		Oc	
	Washington County Telephone Co	do	6	
	The Tyrell County Telephone Co	do	14	
	Ontario Telephone Co	do	15	
	Duluth Telephone Co	do	15	
	Cumberland Telephone and Telegraph Co	do	12 5	
	do	dodo	29	
	The Northwestern Telephone Exchange Co	do	33	
	Southwestern Telegraph and Telephone Co.	do	18	
	Pacific States Telephone and Telegraph Co	do	33 18	
	Cumberland Telephone and Telegraph Co	do	48	
	Southern Bell Telephone and Telegraph Co	do	12 12	
	do	do	12	
	E. V. Hauser	00	10	
	Winton Telegraph Co	Tolograph sarvious	16	
	International and Great Northern R. R. Co.	Passenger transportation	13 7 22	
	O. C. G. Urban	Electric light	12	
	Phoenix Light and Fuel Co	do	12 15 4	
	Astoria Electric Co	do	4	
	Townsend Gas and Electric Co	do	7	
	Port Huron Light and Power Co	The stric comment	10	
	Nashville Gas Co	Gos	15 12	
	Capital Ice Co	Tea	12	
	Clem Jaycocks	do	Š	
	Nashville Laundry Co.	Towel service	j	
	New York Laundry Works (Incorporated)	do	. 8	
	J. Frank Beck	Washing towels	3	
	Dora Moyen	Dia dia a in atmostica	6	
18	Department of the interior of Porte Pice	Office rout	150	
10	H H Taylor agent Mills Ruilding	do	629	
	Mill Valley and Mount Tamalpais Scenic Rwy	do	622 103	
	Henry Bolton	do.	52	
	Joseph Bryan	do	150 69	
	Clinckett & Coates	do	69	
	Pacine States Telephone and Telegraph Co	Telephone services	25 88	
	Pacific States Telephone and Telegraph Co	do	30	
	Telegraph Co. Union Trust Co., receiver Michigan Telephone Co. Washington County Telephone Co. The Tyrell County Telephone Co. Ontario Telephone Co. Duluth Telephone Co. Duluth Telephone Co. Cumberland Telephone and Telegraph Co. do. do. The Northwestern Telephone Exchange Co. Southwestern Telegraph and Telegraph Co. Cumberland Telephone and Telegraph Co. Southern Bell Telephone and Telegraph Co. O. do.  E. V. Hauser Colorado Telephone Co. Winton Telegraph Co. International and Great Northern R. R. Co. O. C. G. Urban. Phoenix Light and Fuel Co. Astoria Electric Co. Townsend Gas and Electric Co. Port Huron Light and Power Co. Nashville Railway and Light Co. Nashville Railway and Light Co. Nashville Railway and Light Co. New York Laundry Co. New York Laundry Works (Incorporated) J. Frank Beck. Dora Moyen. Gregory Mayer & Thom Co. Department of the interior of Porto Rico. H. H. Taylor, agent. Mills Building. Mill Valley and Mount Tamalpais Scenic Rwy. Henry Bolton. Joseph Bryan. Clinckett & Coates Pacific States Telephone and Telegraph Co. Pacific States Telephone and Telegraph Co. Fast Tennessee Telephone and Telephone Co.	do	39	
	Co. Southwestern Telegraph and Telephone Co East Tennessee Telephone Co. Cumberland Telephone and Telegraph Co. F. G. Blaisdell. Hudson River Telephone Co. The Atlantic Electric and Power Co. New Bedford Gas and Edison Light Co. Sociedad Anonima Luz Electrica Asheville Electric Co. Marblehead Municipal Light Department Duluth General Electric Co. Iowa Telephone Co.	do	21	
	East Tennessee Telephone Co	do	21 38	
	Cumberland Telephone and Telegraph Co	do	10	
	F. G. Blaisdell	do	16	
	Hudson River Telephone Co	do	24	
	New Redford Coa and Edison Light Co	Electric light	29	
	Socieded Aponime Luz Floetrice	do	28 21 3	
	A sheville Electric Co	.do	21	
	Marblehead Municipal Light Department	do.	16	
	The state of the s	do	21	

F T T C C C C C C C C C C C C C C C C C	A. Lynne Hijos de Perez Moris C. C. Nunemacher Che Union Ice Co. Chicago, St. Paul, Minneapolis and Omaha Rwy. Co. A. M. Ferguson D. R. Ball A. W. Lamm J. Ledoux Camble & Ludwig Michard A. Shaw Charles Carter Cacific States Telephone and Telegraph Co. George W. Prout Cobert Little J. Mahler's Sons J. Brooker & Co. Chapin & Simpson Minneapolis General Electric Co. Cexas and New Orleans R. R. Co. Chicago, Burlington and Quincy Rwy. Co. Jittlelord, Alvord & Co. M. E. Blystone C. S. Outram M. Pindell M. Sherier J. Kellier M. Cline A. McC. Ashley Newman R. G. Allen S. W. Glenn C. T. Dagwell Atlanta, substations Caston, substations Caston, substations Caston, substations Caston, substations Caston, substations Coulswille,	Ink and mucilage. Drinking water. Gasoline. Cleaning mapdo. Rent of underground conduit. Instruction holders. Brooms and gasoline. Drayage. Repairing clock. Gasoline and oil. Team hire. Moving motor. Freight chargesdo. Drayage. Station expenses. Drayage, etc. Repairs to river gauge, etc. Street-car fare. Drayage. Station expenses. Drayage, etc. Repairs to river gauge, etc. Street-car fare. Drayage. Station expenses. Drayage. Station expenses. Drayage. Station expenses. Drayage. Station expenses. Drayage, etc. Repairing clock. Drayage. etc.	\$78.6 98.6 9.1 7.1 2.2 6.6 3.5 15.6 35.1 11.1 1.2 2.1 1.3 2.1 1.1 2.1 2.1 2.1 1.1 2.1 2.1
F T T C C C C C C C C C C C C C C C C C	C. C. Nunemacher Che Union Ice Co. Chicago, St. Paul, Minneapolis and Omaha Rwy. Co. A. M. Ferguson D. R. Ball A. W. Lamm H. J. Ledoux Samble & Ludwig Sichard A. Shaw Charles Carter Cacific States Telephone and Telegraph Co. George W. Prout Color of Co. George W. Prout Color of Co. George W. Prout Co. George W. Prout Co. Chapin & Simpson Minneapolis General Electric Co. Chapin & Simpson Minneapolis General Electric Co. Chapin & Simpson Minneapolis General Electric Co. Chicago, Burlington and Quincy Rwy. Co. Mittleford, Alvord & Co. M. E. Blystone D. S. Outram D. M. Pindell M. Sherier J. Kellier M. Cline M. Mec Ashley D. Newman C. G. G. Allen C. G.	tins. Printing annual summary Ice. Passenger transportation.  Boat rent Type Ink and mucilage Drinking water Gasoline Cleaning mapdo Rent of underground conduit Instruction holders Brooms and gasoline Drayage Repairing clock Gasoline and oil Team hire Moving motor Freight chargesdo Drayage Station expenses Drayage Station expenses Drayage, etc Repairs to river gauge, etc Street-car fare Drayage Station expenses Drayage, etc Repairing clock Repairs to river gauge, etc Street-car fare Drayage Station expenses Drayage, etc Repairing clock Drayage, etc Repairing clock Drayage, etc	98.0 9.13.4 7.1 2.5.6.6 3.7 15.6 35.11.6 12.1 39.1 2.1 14.1 2.7 7.1 14.1 2.7 7.1 14.1 2.7 7.1 14.1 2.7 7.1 9.9 9.9 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9
A A A A A A A A A A A A A A A A A A A	Che Union Ice Co.  Chicago, St. Paul, Minneapolis and Omaha Rwy. Co.  1. M. Ferguson  2. M. Ferguson  3. R. Ball  4. W. Lamm  4. J. Ledoux  3. Jamble & Ludwig  3. Sichard A. Shaw  3. Charles Carter  2. Caffic States Telephone and Telegraph Co.  3. Jaroge W. Prout  4. Brooker & Co.  5. Suppont  6. Suppont  6. Suppont  6. Suppont  6. Suppont  7. Suppont  7. Suppont  8. Suppont  8. Suppont  9. Suppont	Printing annual summary Ice. Passenger transportation.  Boat rent Type Ink and mucilage Drinking water Gasoline Cleaning mapdo Rent of underground conduit Instruction holders. Brooms and gasoline Drayage Repairing clock Gasoline and oil Team hire Moving motor Freight chargesdo Drayage Station expenses Drayage, etc Repairs to river gauge, etc Street-car fare Drayage Station expenses Drayage, etc Repairing clock Drayage, etc Repairing clock Drayage etc	9. 13. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3
A A O A A H H H H H H H H H H H H H H H	Che Union Ice Co.  Chicago, St. Paul, Minneapolis and Omaha Rwy. Co.  1. M. Ferguson  2. M. Ferguson  3. R. Ball  4. W. Lamm  4. J. Ledoux  3. Jamble & Ludwig  3. Sichard A. Shaw  3. Charles Carter  2. Caffic States Telephone and Telegraph Co.  3. Jaroge W. Prout  4. Brooker & Co.  5. Suppont  6. Suppont  6. Suppont  6. Suppont  6. Suppont  7. Suppont  7. Suppont  8. Suppont  8. Suppont  9. Suppont	lce. Passenger transportation.  Boat rent. Type. Ink and mucilage. Drinking water Gasoline. Cleaning mapdo. Rent of underground conduit. Instruction holders. Brooms and gasoline. Drayage Repairing clock. Gasoline and oil. Team hire. Moving motor Freight chargesdo. Drayage Station expenses Drayage, etc. Repairs to river gauge, etc. Street-car fare Drayage Station expenses Drayage, etc. Repairing clock Repairing clock Street-car fare Drayage Station expenses Drayage, etc. Repairing clock Drayage, etc. Repairing clock Drayage etc.	9. 13. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3
AAABBCCCLLXXP	J. K. Ball J. Ledoux J. Ledoux Samble & Ludwig Richard A. Shaw Charles Carter Cacific States Telephone and Telegraph Co. George W. Prout Robert Little J. Mahler's Sons J. Brooker & Co. Chapin & Simpson Ginneapolis General Electric Co. Cexas and New Orleans R. R. Co. Citago, Burlington and Quiney Rwy. Co. Jittleiord, Alvord & Co. J. E. Blystone J. S. Outram J. M. Pindell J. Kellier J. Kellier J. Kellier J. Kellier J. Mec. Ashley R. Newman R. G. G. Allen Research Richard Co. Research Re	Ink and mucilage. Drinking water. Gasoline. Cleaning mapdo. Rent of underground conduit. Instruction holders. Brooms and gasoline. Drayage. Repairing clock. Gasoline and oil. Team hire. Moving motor. Freight chargesdo. Drayage. Station expenses. Drayage, etc. Repairs to river gauge, etc. Street-car fare. Drayage. Station expenses. Drayage, etc. Repairs to river gauge, etc. Street-car fare. Drayage. Station expenses. Drayage. Station expenses. Drayage. Station expenses. Drayage. Station expenses. Drayage, etc. Repairing clock. Drayage. etc.	13.6 7.6 6.6. 6.7 15.0 15.0 15.0 11.1 12.2 14.2 22.1 14.1 2.7 7.7 14.2 9.9 9.9 9.9 9.9 9.9 9.9 9.9 9
AAABBCCCLLXXP	J. K. Ball J. Ledoux J. Ledoux Samble & Ludwig Richard A. Shaw Charles Carter Cacific States Telephone and Telegraph Co. George W. Prout Robert Little J. Mahler's Sons J. Brooker & Co. Chapin & Simpson Ginneapolis General Electric Co. Cexas and New Orleans R. R. Co. Citago, Burlington and Quiney Rwy. Co. Jittleiord, Alvord & Co. J. E. Blystone J. S. Outram J. M. Pindell J. Kellier J. Kellier J. Kellier J. Kellier J. Mec. Ashley R. Newman R. G. G. Allen Research Richard Co. Research Re	Ink and mucilage. Drinking water. Gasoline. Cleaning mapdo. Rent of underground conduit. Instruction holders. Brooms and gasoline. Drayage. Repairing clock. Gasoline and oil. Team hire. Moving motor. Freight chargesdo. Drayage. Station expenses. Drayage, etc. Repairs to river gauge, etc. Street-car fare. Drayage. Station expenses. Drayage, etc. Repairs to river gauge, etc. Street-car fare. Drayage. Station expenses. Drayage. Station expenses. Drayage. Station expenses. Drayage. Station expenses. Drayage, etc. Repairing clock. Drayage. etc.	2.5 6.6 3.7 15.6 35. 35. 11.1 1. 2. 2. 14. 4. 14. 12. 9. 4. 11. 2. 7. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9.
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G G C C C G G G G G G G G G G G G G G G	iamble & Ludwig Kichard A. Shaw harles Carter actific States Telephone and Telegraph Co. Gregory, Mayer & Thom Co. Gregory, Mayer & Gregory, Grego	Brooms and gasoline Drayage Repairing clock Gasoline and oil Team hire Moving motor Freight charges do Drayage Station expenses Drayage, etc Repairs to river gauge, etc Street-car fare Drayage, etc Repairing clock Drayage, etc Repairing clock Drayage, etc Repairing clock Drayage, etc	3., 15.(15.(15.(15.(15.(15.(15.(15.(15.(15.(
R R C P G G G R R H H H H H H H H H H H H H H H	Richard A. Shaw harles Carfer Pacific States Telephone and Telegraph Co iregory, Mayer & Thom Co ieorge W. Prout. Robert Little I. Mahler's Sons. I. Brooker & Co hapin & Simpson dinneapolis General Electric Co. Pexas and New Orleans R. R. Co. Pexas and New Orleans R. R. Co. Jittleford, Alvord & Co. M. E. Blystone I. S. Outram J. M. Pindell M. Sherier J. Kellier M. Cline A. McC. Ashley F. Newman J. G. Allen J. G. Allen J. G. Allen Jerger Allen J. G. Allen Jerger A. Home Co. J. G. Allen J. G. Allen J. G. Allen Jerger A. Home Co. Jerger A. G. Allen Jerger A. G. Allen Jerger A. G. Allen Jerger A. G. Allen Jerger A. Home Co. Jerger A. G. Allen Jerger A. G. Allen Jerger A. Home Co. Jerger A. G. Allen Jerger A. Home Co. Jerger A. Ho	Brooms and gasoline Drayage Repairing clock Gasoline and oil Team hire Moving motor Freight charges do Drayage Station expenses Drayage, etc Repairs to river gauge, etc Street-car fare Drayage, etc Repairing clock Drayage, etc Repairing clock Drayage, etc Repairing clock Drayage, etc	15.1 15.5 11.1 1 5.1 12.2 39.0 2.1 14. 2.2 9.1 14. 1.1 2.7. 1.1 9.2 9.4 4.4 4.4 4.4 4.4 1.1 9.4 9.4 9.4 9.4 9.4 9.4 9.6 9.6 9.6 9.6 9.6 9.6 9.6 9.6 9.6 9.6
G G G G R H H H H H H H H H H H H H H H	harles Carter  acidic States Telephone and Telegraph Co. Bregory, Mayer & Thom Co. Bregory, Mayer & Thom Co. Bregory, Mayer & Thom Co. Brown Co. B	Brooms and gasoline Drayage Repairing clock Gasoline and oil Team hire Moving motor Freight charges do Drayage Station expenses Drayage, etc Repairs to river gauge, etc Street-car fare Drayage, etc Repairing clock Drayage, etc Repairing clock Drayage, etc Repairing clock Drayage, etc	15.35.31.1.1.1.5.31.1.1.1.1.2.2.9.1.1.1.1.1.1.1.1.1.1.1.1.
M T C C L L M T L L L L L L L L L L L L L L L L	hapin & Simpson Minneapolis General Electric Co. Minneapolis General Electric Co. Minago, Burlington and Quincy Rwy. Co. Mittelord, Alvord & Co. M. E. Blystone M. S. Outram M. M. Pindell M. Sherier J. Kellier M. Cline M. MeC Ashley F. Newman Minneapolis G. G. Allen M. G. G. Allen M. G. Ashley M. G. G. Allen M. G. Ashley M. G. G. Allen	Brooms and gasoline Drayage Repairing clock Gasoline and oil Team hire Moving motor Freight charges do Drayage Station expenses Drayage, etc Repairs to river gauge, etc Street-car fare Drayage, etc Repairing clock Drayage, etc Repairing clock Drayage, etc Repairing clock Drayage, etc	35. 11. 1. 5. 12. 39. 2. 14. 2. 9. 4. 14. 1. 2. 7. 1. 9. 9. 4. 45. 94.
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M T C C L L M T L L L L L L L L L L L L L L L L	hapin & Simpson Minneapolis General Electric Co. Minneapolis General Electric Co. Minago, Burlington and Quincy Rwy. Co. Mittelord, Alvord & Co. M. E. Blystone M. S. Outram M. M. Pindell M. Sherier J. Kellier M. Cline M. MeC Ashley F. Newman Minneapolis G. G. Allen M. G. G. Allen M. G. Ashley M. G. G. Allen M. G. Ashley M. G. G. Allen	Team hire Moving motor Freight chargesdo Drayage Station expenses Drayage, etc. Repairs to river gauge, etc. Street-car fare Drayage Station expenses Drayage, etc. Repairing clock Drayage, etc	9. 2. 9. 45. 94.
M T C C L L M T L L L L L L L L L L L L L L L L	hapin & Simpson Minneapolis General Electric Co. Minneapolis General Electric Co. Minago, Burlington and Quincy Rwy. Co. Mittelord, Alvord & Co. M. E. Blystone M. S. Outram M. M. Pindell M. Sherier J. Kellier M. Cline M. MeC Ashley F. Newman Minneapolis G. G. Allen M. G. G. Allen M. G. Ashley M. G. G. Allen M. G. Ashley M. G. G. Allen	Team hire Moving motor Freight chargesdo Drayage Station expenses Drayage, etc. Repairs to river gauge, etc. Street-car fare Drayage Station expenses Drayage, etc. Repairing clock Drayage, etc	9. 2. 9. 45. 94.
R SF CAAABB CCBE LLNN P	R. G. Allen	Dravage etc	9. 2. 9. 45. 94.
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R SF CAAABB CCBE LLNN P	R. G. Allen	Dravage etc	9. 2. 9. 45. 94.
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S F F C A A A B B C C C H L L N P P I I S C C C H S C C C H L S C C C H S C C C H S C C C H S C C C C	S. W. Glenn F. C. Hietel D. T. Dagwell Atlanta, substations Augusta, substations Boston, substations	Station expenses Services do Pay roli do	9. 45. 94.
C A A A B B C C C H L N P P V I G S C C	T. Dagwell Atlanta, substations. Augusta, substations Soston, substations	do Pay roli do	45. 94.
A A A A B B C C C C H L N P P I I C S C C M H	Atlanta, substations. Augusta, substations. Boston, substations	Pay rolido	94.
A B C C H L N P V - I S C	Augusta, substations	do	57
C C H L N P P S C M F F	doston, substations		200
C E L N P V I I S C C	'airo substatione	do	303. 160.
E L N P V I I S C	Charleston, substations.	do	83.
V V S C	Harrisburg, substations	do	181.
P V Ic S C	Louisville, substations	do	66. 147.
V Id S C	Portland, Oreg., substations	do	150.
- VIG	do	do	100.
S C M	Vicksburg, substations	do	93.
C M B	Southern Rell Telephone and Telegraph Co	Telephone services	15. 12.
M	Central New York Telephone and Telegraph	do	20.
N R	Co.		
T.	Missouri and Kansas Telephone Co	do	6.
H	East Tennessee Telephone Co	do	24.
N	Color of the Color	do	9. 7.
	Telegraph Co.  Telegraph Co.  Southern Bell Telephone and Telegraph Co.  Southern Bell Telephone and Telegraph Co.  People's Telephone and Telegraph Co.  Consumers Ice Co.  Baltimore Towel Supply Co.  A. Midgett.  Chemical Building Co.  Board of Public Works.  First National Bank, Portland, Me.  Sunset Telephone and Telegraph Co.  York State Telephone Co.  The Bell Telephone Co.  The Bell Telephone Co.  The Central Union Telephone Co.  Kinloch Telephone Co.  The City and Suburban Telegraph Association.	a -	
1	The Diamond State Telephone Co.	00	6. 12.
P	People's Telephone and Telegraph Co	do	7.
C	Consumers Ice Co	Ice	3.
E	Baltimore Towel Supply Co	Washing towels.	2. 2.
Ĉ	Chemical Building Co	Constructing walk	34.
B	Board of Public Works	Water supply	3.
F	First National Bank, Portland, Me	Office rent	126.
S	Sunset Telephone and Telegraph Co	Telephone services	6.
T	The Bell Telephone Co. of Missouri	.do.	7. 34.
F	Palestine Telephone Co.	do	9.
T	The Central Union Telephone Co	do	10.
K	Kinloch Telephone Co.	do	15. 21.
1	tion.		21.
J	Union Trust Co., Detroit	do	6.
C	Cumberland Telephone and Telegraph Co	do	19.
E		do	12. 21.
S	Union Trust Co., Detroit.  Cumberland Telephone and Telegraph Co  East Tennessee Telephone Co.  Black Hills Telegraph and Telephone Co  Southern Bell Telephone and Telegraph Co  The Ohio River Telephone Co		15.

Date.	Name.	Nature of payment.	Tot
1904			
pr. 18	E. S. Allen. Pennsylvania Telephone Co. New England Telephone and Telegraph Co. Missouri and Kansas Telephone Co. Home Telephone Co. Corvallis and Eastern R. R. Co. The Direct West India Cable Co. Marthas Vineyard Telegraph Co. Postal Telegraph Cable Co. Green Bay Light and Power Co. The Culver Construction Co. Fall River Electric Light Co. Minneapolis General Electric Light Co. Standard Gas and Electric Co. New Orleans Lighting Co., lessee Buffalo Gas Co. Phillips, Smith & Van Orden.	Telegraph services	
	Pennsylvania Telephone Co	do	
	New England Telephone and Telegraph Co	do	
	Home Telephone Co	do	
	Corvallis and Eastern R. R. Co	Telegraph services	
	The Direct West India Cable Co	do	15
	Marthas Vineyard Telegraph Co	do	4
	Postal Telegraph Cable Co	do	78
	The Culver Construction Co	Electric light	-
	Fall River Electric Light Co	do	1
	Minneapolis General Electric Light Co	Electric current.	1
	Standard Gas and Electric Co	Gas	1
	New Orleans Lighting Co., lessee	do	1
	Phillips Smith & Van Orden	Printing climate and eron bulle	4
	i minps, smith & van Orden	tins.	7
	Naegle & Co	Printing snow bulletins	2
	Fowler Manufacturing Co. (Limited)	Towel service	
	Munger's Laundry Co	do	
	C. D. Coss	do	
	Naegle & Co Fowler Manufacturing Co. (Limited) Munger's Laundry Co. Rose G. Thomas. C. D. Cass D. W. King. Chicago Great Western Rwy. Co Choctaw, Oklahoma and Gulf R. R. Co The Atchison, Topeka and Santa Fe Rwy. Co. (Coast Lines). Morgan's Louisiana and Texas R. R. and	do	
	Chicago Great Western Rwy, Co	Passenger transportation	
	Choctaw, Oklahoma and Gulf R. R. Co	do	7
	The Atchison, Topeka and Santa Fe Rwy.	do	5
	Co. (Coast Lines).	do	1
	Morgan's Louisiana and Texas R. R. and Steamship Co.		
	City Delivery Co.	Ice	
	City Delivery Co. A. O. Fischer W. H. H. Smith	Team hire	
21	W. H. H. Smith	do	
	Neil Ferguson E. W. Turner P. H. Brader	Drayage	
	P H Brader	Tron numn	1
	H. A. Hart	Binding maps	
	O. Rice & Co. Century Electric Co. Julien P. Friez	Cleaning clock  Iron pump  Binding maps  Repairing typewriter  Acid  Repairing anemometers  Lik and mucils as	1
	Century Electric Co	Acid	0.5
	Julien P. Friez	Repairing anemometers	27
	H C Hanson	Dies and logotypes	8
3	Beardsley & Finney	Ink, mucilage, and broom	
	Phoenix Light and Fuel Co.	Lamps	
	American Writing Machine Co	Repairing typewriter	1
	Duluth Hardware Co.	Ink and mucilage Dies and logotypes Ink, mucilage, and broom Lamps Repairing typewriter Ladder Cards and wrappers Moving represes	2
	I. W. Read & Co. (Incorporated)	Moving printing proce	1
	M. L. Willis	Moving printing press Drinking water Drayage Packing box	1
	The General Cartage and Storage Co	Drayage.	
	H. R. Rust	Packing box	
	The Pelouze Paper and Type Co	Type	
	A M D Hollowey	Repairs to lanterns Erecting tower Relocating telephone	7
	Zenith City Telephone Co	Relocating telephone	,
	Julien P. Friez G. C. Harris H. C. Hansen Beardsley & Finney Phoenix Light and Fuel Co. American Writing Machine Co Duluth Hardware Co F. W. Read & Co. (Incorporated) J. M. Murphy & Co. M. L. Willis The General Cartage and Storage Co. H. R. Rust The Felouze Paper and Type Co. Peter Gray & Sons. A. M. D. Holloway Zenith City Telephone Co. George Meier Co. O. R. Ball. Queen & Co. (Incorporated) C. E. Johnson. M. A. Robinson. S. C. Emery Memphis, substations Mobile, substations Charleston, substations Charleston, substations Pittsburg, substations Charleston, substations Fort Smith, substations Baltimore, substations Baltimore, substations Baltimore, substations Baltimore, substations Galveston, substations Galveston, substations Galveston, substations Galveston, substations Galveston, substations Fort Smith, substations Baltimore, substations Baltimore, substations Fort Smith, substations Galveston, substations Fort Smith, substations Galveston, substations Fort Smith Smith Smith Smith Julian Fort Smith Smith Smith Julian Fort Smith Smi	Gum arabic	
	O. R. Ball	Printing supplies	4
	Queen & Co. (Incorporated)	Alcohol	
	C. E. Johnson	Fernage.	2
	S. C. Emory	Dravage	
	Memphis, substations	Pay roll.	5
	Mobile, substations	do	7
	Charleston, substations	do	3
	Pittsburg, substations		52
	Cincipnati substations	do	10
	Fort Smith, substations	do.	19
	Baltimore, substations	do	9
	Savannah, substations	do	6
	Atlanta, substations	do	6 3 3
	Galveston, substations.	Corriege	3
	Mili Valley and Mount Tamalpais Scenic Rwy	Services	1
	I T Myors	do	1
	La Crosse, substations.	Pay roll	17
	Fraternal Hall Association	Office rent	10
	Union Trust Building Co. (Limited)	do	16

Date.	Name.	Nature of payment.	Total.
1904.			
pr. 2i	Southern Bell Telephone and Telegraph Co Southwestern Telegraph and Telephone Co The Inland Telephone Co. Cherry County Telephone Co. The Southwestern Telegraph and Telephone	Telephone service	\$18.
-	Southwestern Telegraph and Telephone Co	do	9.
	The Inland Telephone Co	do	10.
	Cherry County Telephone Co		7. 18.
	The Southwestern Telegraph and Telephone Co.	00	18.
	Maryland Telephone and Telegraph Co	do	18.
	Rocky Mountain Bell Telephone Co	do	15.
	Chesapeake and Potomac Telephone Co	åo	31.
	New England Telephone and Telegraph Co	do	29. 57. 3.
	Chicago Telephone Co	do	57.
	Daniel Mumber	Printing opposed guran and	3.
	Consumers is Co	Too	30.
	Co. Maryland Telephone and Telegraph Co. Rocky Mountain Bell Telephone Co. Chesapeake and Potomac Telephone Co. New England Telephone and Telegraph Co. Chicago Telephone Co. Electric Lighting Co. of Mobile. Daniel Murphy Consumers ice Co. The Cincinnati, Hamilton and Dayton Rwy. Co.	Passenger transportation	4. 19.
	The Watash Bwy Co	do	54.
	Vashville, Chattanooga and St. Louis Rwy	do	21.
	Crockett Ross.	Cleaning office	3.
	W. H. Rollinson.	Grading grounds	70.
	J. F. McLean.	Ink	2.
	C. B. Little	Water supply	11.
	A. K. Ogilvie	Kepairing river gauge	30.
	W. A. Legeman	Binding records.	2
	The Atabison Topoles and Sonto Es Press	Freight charges	6.
	Co. Nashrille, Chattanooga and St. Louis Rwy. Crockett Ross. W. H. Rollinson. J. F. McLean. C. B. Little. A. K. Ogilvie. W. A. Legeman. H. N. Leighton Co. The Atchison, Topeka and Santa Fe Rwy. Co. Chattanooga substations Galveston, substations Knoxville, substations Montgomery, substations Montgomery, substations Shreveport, substations Shreveport, substations Shreveport, substations Twin City Telephone Co. W. E. Lawrence. C. D. Clack. New Orleans, substations John Hyslop H. Hamilton O. L. Fassig F. P. Chaffee J. P. Slaughter C. W. Ling James Kenealy H. Legler H. O. Green John W. Carr R. F. Young	rieight charges	89.
	Chattanooga substations	Pav-roll	139.
	Galveston, substations	do	253.
	Knoxville, substations	do	130.
	Montgomery, substations	do	128
	Raleigh, substations	do	120
	Shreveport, substations	do	29
	Sioux City, substations.	do	32
	Twin City Telephone Co	Telephone services	12
	C. D. Clook	Cleaning carpets	6.
	New Orleans substations	Pay roll	1 112
	Portland substations	do	90.
	John Hyslop	Services	30
	H. Hamilton	do	30
	O. L. Fassig	Street car fare	3.
	F. P. Chaffee	Drayage	2.
	J. P. Slaughter	Drayage, etc	4.
	C. W. Ling.	Post-office box rent	1.
	H Loglor	Washing towals	1.
	H O Green	Travaling avenues	1.
	John W. Carr	do	14.
	John W. Carr R. F. Young F. H. Brandenburg P. McDonough	do	33.
	F. H. Brandenburg	Station expenses	3.
	P. McDonough	do	4.
	E. P. Jones	Office rent	25.
	E. P. Jones A. H. Thiessen Delaware and Atlantic Telegraph and Tele-	Office rent Traveling expenses Telephone services	20.
23	Delaware and Atlantic Telegraph and Tele-	Telephone services	12.
	Dubuque Telephone Co	do	6.
	Capital Telephone and Telegraph Co	do	
	Amarillo Telephone Co	do	4. 9.
	Rocky Mountain Bell Telephone Co	.do.	10.
	Iowa Telephone Co.	do	30.
	Northwestern Telephone Exchange Co	do	6.
	Home Telephone (o	do	10.
	Moncure and Pittsboro Telegraph Co	Telegraph services	6.
	Delaware and Atlantic Telegraph and Telephone Co. Dubuque Telephone Co Capital Telephone and Telegraph Co Amarillo Telephone Co Rocky Mountain Bell Telephone Co Northwestern Telephone Exchange Co Home Telephone (Co Moncure and Pittsboro Telegraph Co Postal Telegraph-Cable Co. of Texas. The Great Northwestern Telegraph Co. of Canada.	do	3. 106.
	Chartery Oldehama and Code B. D. C.	a.	0.0
			30. 15.
	First National Bank Massahard Winn	Office rent	15.
	The Citizen's Gas and Floatric Co	Fleetric light	66.
	Enterprise Telegraph Co. First National Bank, Moorehead, Minn The Citizen's Gas and Electric Co. New Orleans and Carrollton R. R. Light and	do	9.
	Power Co. The Raleigh Electric Co. The Consolidated Gas Co. H. A. Poole. Julien P. Friez. The Pacific Transfer Co. W. J. Kemp.	Electric current	5.
	The Consolidated Gas Co	Gas	
	H. A. P0018	Horse nire	2. 45.
	The Pacific Transfer Co	Drove or	45.
		Dialage	25.

Date.	Name.	Nature of payment.	Total.
1904.			
pr. 23	Norwich University Northwestern Fuel Co. Punnett Bros.	Electric light and steam heat	\$21.
	Northwestern Fuel Co	Coal	77.
	Punnett Bros	River maps. Repairing electric motor	77. 5. 2.
	Funnett Bros. T. J. Thorp & Co. Basche-Sage Hardware Co. Washington Irving. J. I. Holcomb Manufacturing Co. Abraham & Straus. Underwood Typewriter Co. Geo. O. May. Underwood Typewriter Co. Flint & Walling Manufacturing Co. H. A. Dreer (Incorporated). Addressograph Co. Crew & Malone. Wm. Johnson. Cline Rogers. Babbitt Bros. The Clark Paint and Oil Co. J. W. Marshall. Schneider Bros. Washington Southern Rwy. Co. L. Couisville and Nashville R. R. Co. L. E. Scarr. Daniel Murphy H. H. McNeil. Jeff Davis. Boston, substations. Jacksonville, substations. St. Louis, substations. St. Louis, substations. Wm. Harris. J. F. Newsom.	Repairing electric motor	2.
	Weshington Irving	Horse hire	20.
	J. I. Holcomb Manufacturing Co	Floor sweens	18.
	Abraham & Straus	Table and chairs	43.
	Underwood Typewriter Co	Typewriter	85.
	Remington Typewriter Co	Typewriter, etc	110. 10.
	Geo. O. May	Changing electric wires	10.
	Underwood Typewriter Co	Typewriter stand	247
	H A Droor (Incorporated)	Ground hone	3
	Addressograph Co	Logotype	4
	Crew & Malone	Services	19
	Wm. Johnson	Placing cable.	2.
	Cline Rogers	Repairing typewriter	6
	Babbitt Bros	Oil	12
	The Clark Paint and Oil Co	Glass	1
	J. W. Marshall	Erecting tower	125
	Weshington Couthern Prov. Co.	Anemometer cups	50
	Louisville and Nashville P. P. Co	rassenger transportation	5 57 1
	L. E. Scarr	Washing towels	1
	Daniel Murphy.	Printing annual summary	17
	H. H. McNeil	Printing bulletins.	7
	Jeff Davis	Repairing telegraph line	7 2
	Boston, substations	Pay roll	791
	Jacksonville, substations	do	75
	Philadelphia, substations	do	53 149
	Wm Harris	Sarvicas	12
	I F Newsom	Dravage	1
	F. J. Walz	Traveling expenses	1 2
	J. H. Scarr	do	5
	St. Louis, Substations Wm. Harris J. F. Newsom F. J. Walz J. H. Searr G. B. Wurtz E. D. Osborn Pacific States Telephone and Telegraph Co The Toneks Independent Telephone Co.	Station expenses	3
	E. D. Osborn	Office rent	125 18
	Pacific States Telephone and Telegraph Co	Telephone services	18
	The Topeka Independent Telephone Co	do	9
	Rocky Mountain Ben Telephone Co	do	11 44
	Ocean Tow Boat Line	Telegraph services	10
	Southern Bell Telephone and Telegraph Co	Telephone services	, 8
	The Seattle Electric Co	Electric light	14 9
	Houghton County Electric Light Co	do	9
	Rockingham County Light and Power Co	do	22
	Needham Bros	Washing towels	388
	M. G. Copeland Co.	Flags	18
	William Franklin	Freeting tower	10
	J. A. Mott	Fertilizer	30
	St. Louis, substations.  Wm. Harris. J. F. Newsom F. J. Walz. J. H. Scarr G. B. Wurtz. E. D. Osborn. Pacific States Telephone and Telegraph Co The Topeka Independent Telephone Co do. Ocean Tow Boat Line. Southern Bell Telephone and Telegraph Co Houghton County Electric Co. Houghton County Electric Light Co Rockingham County Light and Power Co. Needham Bros. M. G. Copeland Co. Thos. Reedy. William Franklin. J. A. Mott. A. Midgett. J. S. Wright. Addressograph Co.	Wood.	48 30 6
	J. S. Wright. Addressograph Co Gether, Drebert & Perkins Co. Coston Signal Co. (Incorporated)	Drayage. Addressograph, cabinet, etc	1
	Addressograph Co	Addressograph, cabinet, etc	49 16
	Gether, Drebert & Perkins Co	Printing supplies	16
	Coston Signal Co. (Incorporated)	Answering signals	33
	W.H. J. Crawlord	Ctation expenses	9
	Wm. J. Crawford. Geo. Hass Hagen Union Trust Co., Detroit. Narragansett Pier Electric Light and Power	Answering signals Drayage Station expenses Telephone services Electric light	12
	Narragansett Pier Electric Light and Power	Electric light	18
	Co.		
	Seaboard Air Line Rwy	Passenger transportation Repairing telegraph line	4
	Edwin Hayte	Repairing telegraph line	2
	A. Midgett	Team hire	2
	CO. Seaboard Air Line Rwy. Edwin Hayte. A. Midgett Dell O. Rodgers & Co. Edward Killorin Pennsylvania Rwy. Co. Southern Bell Telephone and Telegraph Co. Central District and Printing Telegraph Co.	Team hire. Repairing typewriter. Erecting instrument shelter.	11 15
	Poppaylyonia Pwy Co	Freight charges	21
	Southern Rell Telephone and Telegraph Co	Telephone services	15
	Central District and Printing Telegraph Co	Telegraph services	10
	Edward Killorin. Pennsylvania Rwy. Co Southern Bell Telephone and Telegraph Co Central District and Printing Telegraph Codo The Pennsylvania R. R. Co. The Cleveland, Cincinnati, Chicago and St. Louis R. R. Co. Duluth, South Shore and Atlantic Rwy. Co Inland Type Foundry. Charles Eneu Johnson & Co. Mineralized Rubber Co. J. H. Bunnel & Co.	do.	39
	The Pennsylvania R. R. Co	Passenger transportation	16 39
	The Cleveland, Cincinnati, Chicago and St.	do	39
	Louis R. R. Co.		
	Duluth, South Shore and Atlantic Rwy. Co	do	14
	Inland Type Foundry	Type	540
	Mineralized Pubbon Co	Pubbar hose	940
		D.H.B.DET HOSE	

ate.	Name.	Nature of payment.	Total.
904.			
r. 23	Gregory, Mayer & Thom Co. Queen & Co. (Incorporated). James B Lambie Co. (Incorporated).	Spring binders. Thermometers. Cotton waste Brass, emery paper, etc. Excelsior. Turpentine	\$18.
	Queen & Co. (Incorporated)	Thermometers	60.0
30	James B Lambie Co. (Incorporated)	Cotton waste	77.4
	do	Brass, emery paper, etc	21.
	dodododoprancis B. Miller Woodward & Lothrop Forsberg & Murray Lamb & Tildendodododo	Excelsior	30. 203.
	Francis B. Miller	Turpentine	30.
	Woodward & Lothrop	Dusters, furniture, etc	203.
	Forsberg & Murray	Repairing engine	4.
	Lamb & Tilden	Rubber stamps	1.
	do	do.,	3.
	do	00	5.
	do. Lutz & Co. Swayze, Bailey & Co. Estate of John C. Parker. American Writing Machine Co. do.	Caddla blambata ata	2.
	Lutz & Co.	Bandile Diankets, etc	12. 7.
	Swayze, Balley & Co.	Fredera	3.
	Estate of John C. Parker.	Denoising typewriter	19.
	American writing machine Co	Kepaning typewriter	19.
		00	20.
	do	Typogymiton	69.
			144.
	The Smith Dromier Transmiter Co	Typewitter	06
	do	Typewriterdo	96. 96.
	do. The Smith Premier Typewriter Codo. W. B. Moses & Sons	Wardrobe	9.
	do		66.
	do	Wardrobe and table	39
	do Maurice Joyce Engraving Co	Wardrobe and table Printing supplies Electrotype plates	32. 35.
	do	Electrotype plates	5
	M. Du Perow	Fuse plugs	4.
	National Printers' Supply Co	Fuse plugs Benzine Rubber tray, etc.	4.
	National Printers' Supply Co. Delano & Moore.	Rubber tray, etc	3.
	Delano & Moore Edward Mullin American Type Founders Co. Wm. H. Dyer J. C. Entwistle Peter Spires J. E. Turton R. P. Andrews & Co. (Incorporated) R. P. Clarke Co. A. Zargone	Rags	14
	American Type Founders Co	Brackets	
	Wm. H. Dver	Sawdust	1. 10.
	J. C. Entwistle	Engraving rain chart.	10.
	Peter Spires	Sawdust Engraving rain chart Installing electric lanterns	16.
	J. E. Turton	Instrument shelters, etc	1.4
	R. P. Andrews & Co. (Incorporated)	Paper Towels	54.
	R. P. Clarke Co	Towels	70.
	A. Zappone	Traveling expenses	54. 70. 7.
	do	do :	51.
	C. E. Asheraft, jr	do	4. 3.
	H. E. Williams	do	3.
	C. E. Ashcraft, jr H. E. Williams M. E. Blystone	do	19.
	C. M. Strong	do	14.
	H. C. Hunter	do	1.
	B. L. Waldron	Station expenses	1.
	P. De Graw	Subsistence and station expenses.	84.
	J. J. O'Donnell	Station expenses	9.
	W. M. Wilson	Drayage, etc	11.
	Little Rock, substations	Pay roll	60.
	New Orleans, substations	do	6.
	Augusta, substations	Cleaning office	4.
	C. Sevilla	Cleaning onice	5.
	C. F. Searle	Office rent	30.
	Charles Roldwin	Omce tent	75.
	Dyel Unchurch Investment Co	do	112. 187. 7.
	Lacksonville Telephone Co	Talanhana services	187.
	Northwestern Tolophone Exchange Co	do	9.
	Rocky Mountain Ball Talanhana Co	do	31.
	Columbia Telephone Co	do	6.
	Cumberland Telephone and Telegraph Co	do	168.
	H. E. Williams M. E. Blystone C. M. Strong. H. C. Hunter B. L. Waldron P. De Graw J. J. O'Donnell W. M. Wilson Little Rock, substations New Orleans, substations Augusta, substations C. Sevilla C. P. Searle Jacob Crocker Charles Baldwin Dyal Upchurch Investment Co. Jacksonville Telephone Co. Northwestern Telephone Exchange Co. Rocky Mountain Bell Telephone Co. Columbria Telephone and Telegraph Co. Georgia Telephone and Telegraph Co. Georgia Telephone and Telegraph Co. The Lineinnati and Suburban Bell Telephone Co. Lacksonville and St. Johns Bar Telegraphine	do	15.
	The Cincinnati and Suburban Bell Telephone	do	1.
	Co.		1.
	Jacksonville and St. Johns Bar Telegraph line	Telegraph services	
	Pacific States Telephone and Telegraph Co	do	17.
	Jacksonville and St. Johns Bar Telegraph line Pacific States Telephone and Telegraph Co A. G. Gereke San Antonio and Aransas Pass Rwy. Co. Norfolk and Washington, D. C., Steamboat	Printing snowfall bulletins	17. 18.
	San Antonio and Aransas Pass Rwy, Co.	Passenger transportation	12.
	Norfolk and Washington, D. C., Steamboat	do	12. 3.
	0.		
	The H. & W. B. Drew Co	Printing climate and crop bulletin	63.
	Gloucester Electric Co	Electric light	20.
	Gloucester Electric Co Jacksonville Towel Co	Electric light Towel service	3,
	A. Midgett	Services and Team hire	2.
	A. Midgett Lexington Carpet Cleaning Works Light and Power Commission	Cleaning carpet. Electric light and electric appli-	5.
	Light and Power Commission	Electric light and electric appli-	23.
		ances.	

Date.	Name.	Nature of payment.	Tota
1904.			
pr. 30	W. L. Buckner	Construction river gauge	\$11
.p	W. L. Buckner. Whitelaw & Peasley.	Photographic supplies	911
	W. L. Buckner	Photographic supplies	2
	B. W. Strong	Sectional bookcase	38
	Whitelaw & Peasley W. L. Buckner B. W. Strong W. J. Brand The Erner Electric Co Julien P. Friez G. H. Fuller Desk Co. L. S. Woodhouse Century Electric Co H. B. Hosmer	Sectional bookease. Erecting wind vane Wire Brass sockets. Sectional bookease. Horse hire.	3
	The Erner Electric Co	Wire	2
	Julien P. Friez	Brass sockets	45
	G. H. Fuller Desk Co.	Sectional bookcase	24
	L. S. Woodhouse	Horse hire	4
	Century Electric Co	Knife switches	2
	H. B. Hosmer	Crown plate	3
	Voelkner & Reinke Manufacturing Co. Whitelaw & Peasley J. M. Klein Electrical Works W. H. Minter	Crown plate. Galley Photographic supplies. Dry batteries. Setting out trees. Addressograph, etc. Traveling expenses. Telegraphic reports dravage, etc.	15
	Whitelaw & Peasley	Photographic supplies	5
	J. M. Klein Electrical Works	Dry batteries	3
	W. H. Minter	Setting out trees	]
	Addressograph Co	Addressograph, etc	44
	G. W. Felger	Traveling expenses	19
	J. Warren Smith	Telegraphic reports, drayage, etc.	28
	E. C. Thompson.	Station expenses	17
	Estate of D. williams, deceased	Services	8
	W. H. Minter Addressograph Co. G. W. Felger J. Warren Smith E. C. Thompson Estate of D. Williams, deceased B. F. Larcombe et al.	Station expenses Services Pay roll, printing office	2,458
ay 5	G. G. Colvin. G. H. Willson. Willis L. Moore. A. H. Thicksen.	Traveling expensesdo.	. 2
	G. H. Willson	do	. 6
	Willis L. Moore	do	3
	A. H. Thiessen	Hire of horse and wagon	3
	A. H. Thiessen. Albany, substations. Northwestern Telephone Exchange Co. Williston Telephone Exchange. New England Telephone and Telegraph Co. East Tennessee Telephone Co.  do. The International Ocean Telegraph Co. Cumberland Telephone and Telegraph Co. Amarillo Water, Light and Power Co.	do Hire of horse and wagon Pay roll Telephone services	179
	Northwestern Telephone Exchange Co	Telephone services	10
	Williston Telephone Exchange	00	6
	New England Telephone and Telegraph Co.	,do	1.5
	East Tennessee Telephone Co	do	15
	do. The International Ocean Telegraph Co Cumberland Telephone and Telegraph Co. Amarillo Water, Light and Power Co. Narragansett Electric Lighting Co. Robert Tyler Hoke Engraving Plate Co. E. V. Roe. A. Midgett. J. H. Hoyt Julien P. Friez W. H. Dyer M. B. Wheeler Electric Co. Justinian Caire Co.	Tolograph convices	13 203
	Cumbonland Welenberg and Telegraph Co	relegraph services	100
	Amorillo Woter Light and Demon Go	Teleptric North	100
	Marring Water, Light and Power Co	do Electric lightdo Printing climate and crop bulletin	108 17 42
	Pobort Tyler	Printing climate and eron bulletin	10
	Holze Engraving Plate Co	Posseting base plates	137
	F V Poo	Recoating base plates	10
	A Midmett	Penairing telegraph line	í
	T U Boyt	Penairing beekgraph the	2
	J. H. HUyt	Thormomotor supports	165
	W H Dyor	Repairing telegraph line Repairing bookcase Thermometer supports Sawdust Electrical supplies Wirples telegraph supplies	]
	M B Whooler Floatric Co	Floetrical supplies	
	Justinian Caire Co	Wireless-telegraph supplies	
			.7
	J W Austin	Electrical supplies Wireless-telegraph supplies Hose and placing same Building fence Stamp holder Repairing river gage Hose connections Typewriter Coal Repairing printing press	28
	O N Berry	Stamp holder	- 1
	Central of Georgia Rwy Co	Repairing river gage	
	W H Light	Hose connections	Ē
	American Writing Machine Co	Typewriter	72
	Raymont Gutowski	Coal	23
	Barnhart Bros & Spindler	Repairing printing press	5
	H. C. Freeman	Erecting instrument shelter	2
	Stack Bros. J. W. Austin. O. N. Berry. Central of Georgia Rwy. Co. W. H. Light. American Writing Machine Co. Raymont Gutowski Barnhart Bros. & Spindler. H. C. Freeman. The Phosphor Bronze Smelting Co. (Limited) Whitall, Tatum Co. C. C. Carter. R. A. Shaw. Great Northern Rwy. Codo. Burlington Route, Missouri linesdo West Virginia Central and Pittsburg Rwy. Co.	Phosphor-bronze rods	4
	Whitall, Tatum Co	Pill boxes	1
	C. C. Carter	Cleaning weather map	4
	R. A. Shaw.	do	4
	Great Northern Rwy. Co	Freight charges	25
	do	do	
	Burlington Route, Missouri lines	do	
	do	do	1
	West Virginia Central and Pittsburg Rwy.	do	
	Co.		
	do .	do	10
	Southern Rwy. Co	do	10
	Southern Rwy. Co. Northern Commercial Co. New York, New Haven and Hartford R. R.	do	4
	New York, New Haven and Hartford R. R.	do	4
	Co.	1	
	Town of New Shoreham	do	2
	Co. Town of New Shoreham Boston and Albany R. R. The Oregon Short Line R. R. Co. Rome, Watertown and Ogdensburg R. R. Chicago, Burlington and Quincy Rwy. Co. John C. Davis Littlefield, Alvord & Co. St. Louis Transfer Co. Wm. J. Crawford W. R. Morton L. H. Murdoch		11
	The Oregon Short Line R. R. Co		11
	Kome, Watertown and Ogdensburg R. R		1
	Chicago, Burungton and Quincy Rwy. Co		1
	John C. Davis	T)	9
	Littlefield, Alvord & Co	Drayage	11
	St. Louis Transfer Co		2
	wm. J. Crawford		2
	W Morton	(10)	

Date.	Name.	Nature of payment.	Total
1904.		·	
ay 5	H. McP. Baldwin	Photograph and express charges.	\$3
-	A. G. McAdie	Express charges	5 93
	M. E. Shelden	Office rent	93
	J. H. Thiemeyer	Boxes, packing	123
	The Okonite Co. (Limited)	Copper wire	60
	The Grote Rankin Co	Rubber mats	5
	H. S. Crocker Co	Ink and muchage	3
	F. J. Walz	Traveling expenses	118 24 65
11	Willis L. Moore	D1	24
11	Nachrilla substations	Pay roll	60
	Nashville, substations	Commisses	102
	F V Martin	do	24 12
	E H Rowie	Station expenses	1
	H. McP. Baldwin A. G. McAdie. M. E. Shelden J. H. Thiemeyer The Okonite Co. (Limited) The Grote Rankin Co H. S. Crocker Co F. J. Walz Willis L. Moore San Francisco, substations Nashville, substations J. E. Harris, jr F. X. Martin E. H. Bowie Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.	Photograph and express charges Express charges Office rent. Boxes, packing. Copper wire. Rubber mats Ink and mucilage Traveling expensesdo Pay rolldo Servicesdo Station expensestraveling expensestraveling expensestraveling expensestraveling expensestraveling expensestraveling expensestraveling expenses. Telegraph services.	10
	The Oregon Reilroad and Newigation Co	Passenger transportation	76
	Rwy. Co. The Oregon Railroad and Navigation Co The Chesapeake and Ohio R. R. Co Pittsburg, Cincinnati, Chicago and St. Louis	do	70
	Pittshurg Cincinneti Chicago and St Louis	do	33 14
	Rwy Co.		14
	M. Du Perow	Electric cells	358
	P. C. Schaefer	Wash sink.	48
	Underwood Typewriter Co	Typewriter	87
	C. R. Edmonston	Tube for filter	48 87 12
	Western Union Telegraph Co	Telegraph services	14, 035 110 30
	H. C. Frankenfield	Traveling expenses	110
	Rwy, Co.  M. Du Perow. P. C. Schaefer. Underwood Typewriter Co. C. R. Edmonston. Western Union Telegraph Co. H. C. Frankenfield S. W. Glenn. E. B. Richards.	Wash sink.  Typewriter Tube for filter Telegraph services. Traveling expenses	30
	E. B. Richards	do	44
	do	Station expenses	19
	E. B. Richardsdo O. W. Roberts R. J. Hyatt New York, substations C. H. Bridges Wm. J. Olds C. F. von Herrmann J. M. Watson A. B. Wollaber J. H. Cooke A. A. Piper	dostation expensesdododododododo	4 3
	R. J. Hyatt	Dog 1	3
	New York, substations	Pay roll	45
	W.m. I Olde	Pay roll Traveling expensesdo	14
	C F von Hormonn	do	23
	I M Watson	Station expenses	29 6
	A R Wollahar	Subsistance	25
	I H Cooke	Station expenses Subsistence Installing river gage Repairing river gage Reeving halyards Constructing flagstaff Cleaning clock Painting instrument shelter Index ourse	24
	A A Piner	Renairing river gage	29
	T. A. Stevenson	Reeving halvards	5
	C. Sanger	Constructing flagstaff.	25
j	H. A. Vincent.	Cleaning clock	25 2
	E. H. Bacon	Painting instrument shelter	12
	J. H. Cooke A. A. Piper T. A. Stevenson C. Sanger H. A. Vincent E. H. Bacon C. M. Hurd Dunn & Lemmon Postal Telegraph Cable Co Western Union Telegraph Co Chas. P. Meekins K. Wagner	Index cards	7 16
	Dunn & Lemmon	Printing snowfall bulletins	16
	Postal Telegraph Cable Co	Telegraph services	916
	Western Union Telegraph Co	do	116
	Chas. P. Meekins	Ground rent	3 75
	K. Wagner	Once rent	75
	Union Trust Co. Dotroit	Telephone services	15
	Cumberland Telephone and Telegraph Co	do	7 12
	do	do	15
	Rising Sun Telegraph Line	Telegraph services	2
	Postal Telegraph Cable Co. of Texas	do	ĩ
	E. H. Bacon. C. M. Hurd. Dunn & Lemmon Postal Telegraph Cable Co. Western Union Telegraph Co. Chas. P. Meekins K. Wagner. Tucker Telephone and Telegraph Co. Union Trust Co., Detroit. Cumberland Telephone and Telegraph Codo. dising Sun Telegraph Line Postal Telegraph Cable Co. of Texas. Atchison, Topeka and Santa Fe Rwy. Co Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co.	Passenger transportation	29
	Minneapolis, St. Paul and Sault Ste. Marie	do	12
	New York New Haven and Hartford R R	do	12
	Co. Phillips, Smith & Van Orden (Incorporated) R. G. Sleater J. O. Rodney J. P. Geary Eldredge Express and Storage Warehouse Co. Louis Hendricks A. Fairservice & Co. McGee & Pollard W. Bement Geo. Innes & Co. D. Daly J. Nolan E. V. Roe Stringfellow Drug Co. Baker & Co. (Incorporated) J. P. Lamey H. A. Meldrum Co. R. A. Negus Adkisson Grain and Coal Co.		12
	Phillips, Smith & Van Orden (Incorporated).	Printing climate and crop reports.	45
	R. G. Sleater	Printing snowfall bulletins	24
	J. O. Rodney	Printing snowfall bulletins Cleaning windows, etc	10
	J. P. Geary	Drayagedo	9
	Louis Hondriels	Depoising telegree - 1 1	7 5
	A Fairconnice & Co	Repairing telegraph line	5
	McGoo & Pollard	Ronairing printing proce	3
	W Rement	Erecting flagstaff ate	1/1
	Geo. Innes & Co	Carnet	9 141 14
	D. Daly	Nails Repairing printing press Erecting flagstaff, etc Carpet Recasting rollers Cleaning office Services and team hire.	
	J. J. Nolan	Cleaning office	2
	E. V. Roe	Services and team hire	2 2 2
	Stringfellow Drug Co	Oil and replacing door	2
	Baker & Co. (Incorporated)	Wire, etc.	21
	J. P. Lamey	Recasting rollers.	5
	H. A. Meldrum Co.	Oil and replacing door Wire, etc Recasting rollers Cleaning carpet, etc	5. 27.
	R. A. Negus. Adkisson Grain and Coal Co.	Engine Coal	

ate.	Name.	Nature of payment.	Tota
904.			
y 11	John Underwood & Co	Carbon paper. Repairing telephone line. Tackle blocks. Ladder	\$13
	Thomas Jermin	Repairing telephone line	Q.I.
	J. J. Potter	Tackle blocks	
	Frank Bossnot	Ladder	
	J Walker & Sons	Erecting tower	7
	Phillips Smith & Van Orden (Incorporated)	Printing flood reports	7. 1
	Chicago Pook Island and Pacific Prov. Co.	Freight charges	14
	do	r reight charges	
	Missouri Voness and Tower Down Co	d0	
	Missouri, Kansas and Texas Rwy. Co	00	
	Degon Short Line R. R. Co	00	
	Rome, watertown and Ogdensburg R. R		
	wasnington Southern Rwy	do	
	Pacine Coast S. S. Co	do	
	Seaboard Air Line Rwy	do	8
	Thomas Jermin J. J. Potter Frank Bossnot J. Walker & Sons J. Walker & Sons J. Walker & Gons Phillips, Smith & Van Orden (Incorporated). Chicago, Rock Island and Pacific Rwy. Codo Missouri, Kansas and Texas Rwy. Co. Oregon Short Line R. R. Co. Rome, Watertown and Ogdensburg R. R. Washington Southern Rwy. Pacific Coast S. S. Co. Seaboard Air Line Rwy. New York, New Haven and Hartford R. R. Co.	do	;
	Co. Chicago and Northwestern Rwy. Co. Pennsylvania R. R. Co. The Oregon Railroad and Navigation Co The San Pedro, Los Angeles and Salt Lake	do	4
	Penneylyania R R Co	do	
	The Oregon Reilroad and Navigation Co	do	
	The San Pedro Lee Angeles and Calt Lake	do	1.0
	D D Co		18
	Chicago, Burlington and Quincy Rwy. Co Delano & Moore John Moran	do Plates and films Charcoal	
	Teles Moore	Character and mins	11
	John Moran	Charcoal	-
	woodward & Lothrop	Cambric	
	Woodward & Lothropdo. Lamb & Tilden	Bon ami Rubber stamps	8
	Lamb & Tilden	Rubber stamps	]
	M. G. Copeland	Flags Answering pennants	6
		Answering pennants	4
	Lamb & Tilden. M. G. Copeland. do. do. Mackall Bros. do. Maurice Joyce Engraving Co. do. Lutz & Co. Estate of John C. Parker R. P. Clarke Co. Barber & Ross. Geo. F. Muth & Co. J. B. Lambie Co. (Incorporated). Standard Oil Co. Yates & Co.	Soap Acid Stereotype plates do Putz cream Manifold books	64
		Acid	]
	Maurice Joyce Engraving Co	Stereotype plates	
	do	do	4
	Lutz & Co	Putz cream.	
	Estate of John C. Parker	Manifold books	68
	R. P. Clarke Co	Moleskin	4
	Barber & Ross	Tools Benzine	44
	Geo. F. Muth & Co	Benzine	17
	J. B. Lambie Co. (Incorporated)	Tape line	- 2
	Standard Oil Co	Oil	8
	Yates & Co.	do	5
	Flint & Walling Manufacturing Co	Tape line Oildo Storm-warning tower	68
	Yates & Co. Flint & Walling Manufacturing Co. District of Columbia Paper Manufacturing	Blotting paper	68 148
	Co. John A. Roebling's Sons' Co. R. G. Allen. F. D. Miracle Northern Pacific Rwy. Co. National Electrical Supply Co. R. M. Hardinge. R. F. Young. M. A. Robinson W. M. Fulton. J. H. Searr	Wire	10
	R C Allen	WireTraveling expensesOffice rent	18 12
	F D Mireolo	Office rent	145
	Northam Deside Door Co	Possengen trop en ente tien	147
	Northern Flootrical Cumple Co	Passenger transportation	65
10	National Electrical Supply Co	Wire.	16
17	D. E. Verre	Ctation averages	16
	M. A. Dobinson	Cubaiatones	1
	M. A. RODHSON	Duosistence	20
	W. M. FUITOII	Drayage and wasning towels	6
	J. H. Scarr	Photographic supplies	4
	Yauf De Graw	Subsistence and rent of quarters	59
	W. M. Fulton J. H. Scarr. Paul De Graw Montgomery, substation New England Telephone and Telegraph Co. The Gordon Telephone Co. do. Corvallis and Eastern R. R. Co.	Passenger transportation. Wire. Traveling expenses. Station expenses. Station expenses. Subsistence. Drayage and washing towels. Photographic supplies. Subsistence and rent of quarters. Pay roll Telephone services. do do . Telegraph services. do do	28
	New England Telephone and Telegraph Co	Telephone services	2
	The Gordon Telephone Co	do	9
	do	do	3
	Corvallis and Eastern R. R. Co	Telegraph services	2
	Direct West India Cable Co. (Limited)	do	150
	Corvallis and Eastern R. R. Co Direct West India Cable Co. (Limited) The Great Northwestern Telegraph Co. of	do	110
	Canada.	Drinting anow hallsting	_
	Naegele & Co	Printing snow bulletins	7
	Daumgarat Publishing Co	tins.	13
	Mineralized Rubber Co	Rubber hose	Q
	Geo E Plaster ir	Corn	9 32
	The Van Bibber Roller Co	Casting rollers	4
	G H Baughman	Binding weather mans	3
	F K Wills Construction Co	Erecting flagstaff	300
	Chinneyra Flortria Co.	Rattery colle	000
	Mmeranzed Rubber Co. Geo. E. Plaster, jr. The Van Bibber Roller Co. G. H. Baughman F. K. Wills Construction Co. Chippewa Electric Co. Woodward & Tiernan Printing Co. Addressgraph Co.	Challe	1
	Address group Co	Addressement and achinet	1
	Addressograph Co	Addressograph and cabinet	44 7
	w. w. Clucker	Reeving naiyards	7
	Geo. E. Plaster, jr. The Van Bibber Roller Co. G. H. Baughman F. K. Wills Construction Co. Chippewa Electric Co. Woodward & Tiernan Printing Co. Addressograph Co. W. W. Clucker. H. A. Goodwin. The Denver and Rio Grande R. R. Co. do. Union Pacific R. R. Co.	Repairing river gauge	10.
	The Denver and Rio Grande R. R. Co	Freight charges	4.
			10

WEATHER	BUREAU,	GENERAL	EXPENSES-	-Continued.
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Date.	Name.	Nature of payment.	Total
1904.			
ay 17	Choctaw, Oklahoma and Gulf R. R. Co Galveston, Harrisburg and San Antonio	Freight chargesdo	\$1. 1.
	Rwy. Co. Pacific Coast Steamship Co. G. A. Loveland. Pacific States Telephone and Telegraph Co. Marthas Vineyard Telegraph Co. Central District and Printing Telegraph Co. Meteorological Council. L. S. Woodhouse. Thomas Jermin N. C. Upp.	do	3.
	G. A. Loveland	Traveling expenses	32. 8.
	Marthas Vineyard Telegraph Co	dodo	39.
	Central District and Printing Telegraph Co	do	22. 11.
	Meteorological Council	Compilation of telegrams	11. 2.
	Thomas Jermin.	Repairing telephone lines	20.
	N. C. Upp	Hoisting cable	23.
	White & Hennum	Cleaning carnet	7.
	The W. M. Pattison Supply Co	Iron block	2
	R. W. Basnett	Wood	15 125
	Thomas Jermin N. C. Upp Sunset Photo-Engraving Co White & Hannum The W. M. Pattison Supply Co R. W. Basnett F. P. Little Co American Type Founders Co E. J. Hyde Kelly & Co. Peter Holmberg Illinois Central R. R. Co do. do.	Type, etc.	16
	E. J. Hyde	Repairing self-register	3
	Kelly & Co	Postal scale	35.
	Illinois Central R. R. Co	Freight charges	
	do	do	
	do	do	
	do	do	
	The Denver and Rio Grande R. R. Co	do	2
	Baltimore and Ohio Southwestern R. R. Co.	do	30 11
- 4	Chesapeake and Ohio Rwy. Co	do	2
	International and Great Northern R. R. Co	do	2 1
	Louisville and Nashville R. R. Co	do	1
	Lehigh Valley R. R. Co.	do	1
	do do do do The Denver and Rio Grande R. R. Co. do Baltimore and Ohio Southwestern R. R. Co. Chesapeake and Ohio Rwy. Co. International and Great Northern R. R. Co. San Antonio and Aransas Pass Rwy. Co. Louisville and Nashville R. R. Co. Lehigh Valley R. R. Co. New York, Ontario and Western Rwy. Co. New Bedford, Marthas Vineyard and Nantucket Steamboat Co.	do	
1	Cincinnati Northern R. R. Co	do	
	W. W. Fowler	do	1.
1	Central Vermont Rwy. Co.	do	1.
1	G. Meyer	Services	4.
1	Home Telephone Co	Telephone services	14. 10.
	New Bedford, Marthas Vineyard and Nantucket Steamboat Co. Cincinnati Northern R. R. Co. W. W. Fowler. Burlington Route, Missouri lines. Central Vermont Rwy. Co. G. Meyer. A. McC. Ashley. Home Telephone Co. Alabama, Mississippi and Tennessee Telephone Co. Coston Signal Co. (Incorporated)	do	6.
	Coston Signal Co. (Incorporated)		33. 7.
	Valley Paper Co.	OilPaper	150.
1	J. L. Hudson	Repairing furniture	3.
II.	Chas, Eneu Johnson Co	Ink	100.
1	C. C. Compton	Wood	24.
	Coston Signal Co. (Incorporated) Standard Oil Co. Valley Paper Co. J. L. Hudson. Hammoek & Ponder. Chas. Eneu Johnson Co. C. C. Compton. M. N. Hunt. J. S. Topham. Amarillo Grain and Coal Co. J. Sedell.	Oil Paper Repairing furniture Repairing typewriter Ink Wood Removing windows and doors Tool cases Coal Cleaning cesspool Electric current Repairing clock	197
	Amarillo Grain and Coal Co.	Coal	197. 30.
	J. Sedell Chevenne Light Fuel and Power Co	771 4 1 - 7 1 - 4	15. 10.
	J. Sedell. Cheyenne Light, Fuel and Power Co. Yund & Churchill. W. W. Hammond.	Repairing clock Repairing building Freight charges do do Engraving rain chart Wagon Gasoline Rock salt	10.
	W. W. Hammond	Repairing building	1. 13.
	Southern Rwy Co	Freight charges	2. 5.
	The Oregon Railroad and Navigation Co	do	1.
	J. C. Entwistle.	Engraving rain chart	10.
	J. F. Conrad Grocery Co.	Gasoline.	85.
	The Oregon Rallroad and Navigation Co. J. C. Entwistle. T. E. Young J. F. Conrad Grocery Co. G. E. Plaster, jr. A. J. Stohr Manhattan Brass Co. National Automatic Fire Alarm Co. Joseph Bily, jr. E. A. Evans T. F. Townsend A. G. McAdie. Hall, Black & Co. P. H. Seewald Low, Gillis & Powell New York Telephone Co. G. B. Reedy.	Rock salt	2.
	A. J. Stohr Manhattan Brass Co	Constructing river gauge	26. 60.
	National Automatic Fire Alarm Co	Installing battery.	5.
21	Joseph Bily, jr	Traveling expenses.	13. 37. 7.
	T. F. Townsend	do	37.
	A. G. McAdie	do	3.
	Hall, Black & Co	Printing annual summary	91. 4.
	Low, Gillis & Powell.	Constructing river gauge	10.

ate.	Carter, Rice & Co. (Corporation) Mary Wolff Chicago, Burlington and Quincy Rwy. Codo  do	Nature of payment.	Total
903.			
y 21	Carter, Rice & Co. (Corporation)	Wrapping paper	\$116
	Mary Wolff	Cleaning office	20
	do	do	9
	Wabash R. R. Co	do	ĭ
	do	do	1
	Missouri Pacific Rwy. Co	do	1
	Star Union Line.	do	2
	Old Dominion Steamship Co.	do	21 21 8
	C. Abbe	Traveling expenses	-8
	M. E. Blystone	do	1
	J. B. Lambie Co. (Incorporated)	Bolts, screws, etc.	2
	Rudolph West & Co	Vernich brushes	88
	dodo	Brass figures	15
	Estate of John C. Parker	Cardboard	923 314
1	do	Paper	314
	D. Frank Parker	Cyclostyle pens	72
	E. Mullin	Typowriter and cover	72 14 96 22
	The Maurice Lovce Engraving Co	Photo-engraving plates	25
	Forsberg & Murray	Tongs.	- 6
	F. A. Schmidt.	Ink	45
	R. Carter Ballantyne	Paper	43
	Delaware and Hudson Co	reight enarges	
31	The Royal Mail Steam Packet Co	Roof rent	1:
-	H. Rolle	do	-
	F. J. Walz	Traveling expenses	7.
	E. A. Brown	do	. 10
	A. Zappone	do	13
	Pacific States Telephone and Telegraph Co	Telephone-services	
	The Chesapeake and Potomac Telephone Co.	do	12
	Rocky Mountain Bell Telephone Co	do	12
	North Montana Telephone Co	do	1
	Pacific States Telephone and Telegraph Co	Telegraph services	
	I T Harner	do	14
	Pacific States Telephone and Telegraph Co	do	1
	Southern Bell Telephone and Telegraph Co	do	
	Sandusky Gas and Electric Co	Intsalling lanterns	1.
	Louisville and Nashville P. R. Co.	Passenger transportation	1
	The Pennsylvania R. R. Co.	do	19
	Chicago, Milwaukee and St. Paul Rwy. Co	do	2
	C. Sevilla	Services	4
	G. A. Loveland	Station supplies	10
	R H Hammarly	Chain	
	Chapin & Simpson	Team hire	10
	Silcott & Price	Oil, lead, etc	1: 7:
	J. H. Richmond	Constructing river gauge	7
	L. H. Jones	Recasting rollers	3
	Chas Doyle	Erecting tower	3
	Morgan City Improvement Co. (Limited)	Electric light	,
	T. C. Scruggs	Repairing stand	:
	C. B. Lilliston	Erecting thermometer shelter	4
	E. Reinhart & Co	Carpet	4
	Heybach-Bush Co.	Ink and recesting rollers	
	Williams & McAnulty	Carpet	7
	Rigby & Wilson.	Rug	70
	H. S. Crocker Co.	Printing snow bulletins	20
	Western Fuel Co	Printing meteriels	3:
	William Jones	Pumping out cesspool	10
	A. G. Staton	Removing ashes	5
	do	Fertilizer	5
	E. Hayte	Repairing telegraph line	-
	T. J. Anderson	Installing river gauge	
	Boumgordt Publishing Co.	Printing materials	
	L. A. Greaux	Repairing clock	3
	H. J. Green	Barometer tubes	100
	Addmagaagmanh Ca	Addressograph, cabinet, etc	4

Date.	Name.	Nature of payment.	Tota
1903.			
ay 31	H. A. Goodwin	Repairing river gauge	\$
	H. A. Goodwin Electrical Engineering and Supply Co. W. F. Bradley. V. E. Swanson R. P. Andrews & Co. (Incorporated) F. A. Schmidt. John Underwood & Co.	Repairing tower	
	V. E. Swanson	dodo	
	R. P. Andrews & Co. (Incorporated)	Paper	12
	F. A. Schmidt	do	41
	John Underwood & Co	Drayage	1
	James Hayden The Oregon Railroad and Navigation Co Kewaunce, Green Bay and Western R. R. Co. Cincinnati, New Orleans and Texas Pacific	Drayage Freight charges	
	Kewaunee, Green Bay and Western R. R. Co.	do	1
	Cincinnati, New Orleans and Texas Pacific Rwy. Co. Boston & Albany R. R. Co. Chicago and Northwestern Rwy. Co. B. F. Larcombe et al. Rudolph, West & Codo. Lutz & Co. Lumb & Tildendo Estate of John C. Parker	do	
	Rwy. Co. Roston & Albany R R Co.	do	
	Chicago and Northwestern Rwy. Co.	do	
	B. F. Larcombe et al	Pay roll, printing office	2, 57
e 3	Rudolph, West & Co	Nail pullers	1
	Lutz & Co	Metal polish	2
	Lamb & Tilden	Rubber stamps.	
	do	Logotype holders	3
	Estate of John C. Parker	Paper	7
	dodo	Halyards Metal polish Rubber stamps Logotype holders Paper Cardboard Oil boards Neostyle plates Climbers and straps Rubber stomers	3 2
	do. D. Frank Parker M. DuPerow. The M. Lindsay Rubber Co. S. J. Venable. W. H. Rupp Co. F. A. Tschiffely, jr. J. E. Turton. Densmore Typewriter Co. Wm. H. Dyer G. E. Plaster Cunningham, Curtiss & Welch C. Garcia. Standard House Furnishing Co. C. A. Burton. R. F. Hoy	Neostyle plates	10
	M. DuPerow	Climbers and straps	
	The M. Lindsay Rubber Co	Rubber stoppers. Map frames Stenographers' books. Vials	16
	W. H. Rupp Co	Stenographers' books	10
	F. A. Tschiffely, jr	Vials	
	J. E. Turton	Instrument stands	40
	Densmore Typewriter Co	Copying pads	
	G E Plaster	Wooden slahs	1
	Cunningham, Curtiss & Welch.	Repairing typewriter	
	C. Garcia.	Vias Instrument stands Copying pads. Sawdust. Wooden slabs. Repairing typewriter Drayage, custom-house papers, etc Leather couch.	
	Standard House Furnishing Co. C. A. Burton C. A. Burton R. F. Hoy Chas. T. Abeles & Co. Alexander-Yost Co. J. H. McWatters The Atchison, Topeka and Santa Fe Rwy. Co. The Wabash R. R. Co. The Yazoo and Mississippi Valley R. R. Co. Chattahoochee River Steamers. The International Ocean Telegraph Co. Western Union Telegraph Co. Illinois Central R. R. Co. do. do. Illinois Central R. R. Co. Burlington and Missouri River R. R. in Nebraska.	Leather couch	3 5
	R. F. Hov	Running levels	J
	Chas. T. Abeles & Co.	Cabinet	4
	Alexander-Yost Co	Netting	
	J. H. McWatters.	Oil	6
	The Wabash R. R. Co.	do	2
	The Yazoo and Mississippi Valley R. R. Co	do	
	Chattahoochee River Steamers	do	15
	Western Union Telegraph Co	Telegraph services	15 14, 79
	Illinois Central R. R. Co.	Freight charges.	11,10
	do	do	
	Illin oig Control D. D. Co	do	
	Rurlington and Missouri River R R in No-	do	2
	braska.		-
	do	do	
	Burlington and Missouri River R. R. in Nebraska dododo The Denver and Rio Grande R. R. Cododo Chicago and Alton Rwy. Codo Chicago and Alton Rwy. Codo Missouri Pacific Rwy. Co Missouri Pacific Rwy. Co Orion Pacific R. R. Co Great Northern Rwy. Co Norfolk and Washington Steamboat Co The Oregon Railroad and Navigation Co Northern Michigan Transportation Co Town of New Shoreham L. S. Woodhouse The Breeden Office Supply Co A. Midgett. E. W. Burt. Littlefield, Alvord & Co Maddox & Hayden A. M. Kissouth H. C. Frankenfield B. Bunnemeyer. E. B. Richards J. Brown	do	
	dodo	do	
	Chicago and Alton Rwy. Co.	do	
	do	do	
	Chicago and Northwestern Rwy. Co	do	1
	Union Pacific R. R. Co.	do	7
	Great Northern Rwy. Co.	do	2
	Norfolk and Washington Steamboat Co	do	
	The Oregon Pailroad and Namination Co	do	
	Northern Michigan Transportation Co	do	
	Town of New Shoreham.	do	
	L. S. Woodhouse	do	
	The Breeden Office Supply Co	Repairing typewriters	
	A. Midgett	Services and team hire	
	Littlefield, Alvord & Co	Dravage	1
	Maddox & Hayden	Hard wood	
	A. M. Kissouth	Grading lawn, etc	32
	R Runnemeyer	Traveling expenses	6
	E. B. Richards	do	2
9			2

Date.	Name.	Nature of payment.	Total
1904.			
ine 9	W. T Blythe N. M. Cunningham I. M. Cline A. B. Wollaber Minneapolis, St. Paul and Sault Ste. Marie	Traveling expenses	\$35.
	N. M. Cunningham	do	21. 7.
	1. M. Cline	Carbajatanaa	7.
	Minneapolis Ct Paul and Cault Sta Maria	Tolograph convices	25. 10.
	A. B. Wollaber. Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co. New England Telephone and Telegraph Co. United Electric Light and Power Co Robert Tyler. D. J. Stephenson. A. H. Gurney. C. A. Malm & Co. W. H. Rider. Meyer & Wenthe. W. H. Light. C. A. Gilbert. W. C. Duffield. Peter Gray & Sons. Barnhart Bros. & Spindler. W. H. Kistler. B. Ganter. W. H. Rollinson. W. W. Chase. E. Buckley. D. J. Stephenson. H. M. Loud's Sons Co. Pennsylvania R. R. Co. do. Atchison, Topeka and Santa Fe Rwy. Co. do. Chicago and Alton Rwy. Co. Southern Rwy. Co. Southern Rwy. Co. Southern Rwy. Co. Southern Rwy. Co. Houston, East and West Texas Rwy. Co. Star Union Line. Michigan Central R. R. Co. Gulf, Colorado and Santa Fe Rwy. Co. Marietta. Columbus and Cleveland R. R. Co.	relegraph services	10.
	New England Telephone and Telegraph Co	do	2.
	United Electric Light and Power Co	Electric light	3. 12. 5.
	Robert Tyler	Printing climate and crop reports.	12
	D. J. Stephenson	Wire connections for instruments.	5
	A. H. Gurney	Repairing typewriter	5
	C. A. Malm & Co	Mail bag and lock	6
	W. H. Kluer.	Drayage	2
	Meyer & Wenthe	Paint breakes	5 6 2 2 7 6 1 36
	C A Gilbert	Painting office sign ate	6
	W. C. Duffield	Renairing clock	1
	Peter Grav & Sons	Lantern chimneys	36
	Barnhart Bros. & Spindler	Type	5 4 4
	W. H. Kistler.	Ink	4
	B. Ganter	Repairing triple register clock	4
	W. H. Rollinson	Paint.	5
	W. W. Chase	Cleaning carpet.	13
	D. I. Stanbanson	Incondescent lamps	155
	H M Loud's Sons Co	Erecting tower	1 50
	Pennsylvania R. R. Co.	Freight charges	100
	do	do	2
	Atchison, Topeka and Santa Fe Rwy. Co	do	100
	do	do	5
	Chicago and Alton Rwy. Co	do	Ī
	The Denver and Die Grande D. D. Co	do	1
	The Denver and Nio Grande N. N. Co	dodo	$\frac{1}{2}$
	Southern Rwy Co	do	1
	Chicago and Alton Rwy, Co	do	1 2
	Southern Rwy. Co.	do	2
	Chicago, Burlington and Quincy Rwy. Co	do	1
	St. Louis and San Francisco R. R. Co	do	1
	Houston, East and West Texas Rwy. Co	do	1
	Star Union Line.		
	Cincipneti Hemilton and Douton Ruy, Co	do	
	Gulf Colorado and Santa Fe Rwy Co	do	1
	Galveston, Harrisburg and San Antonio Rwy	do.	î
	Co.		
	Norfolk and Washington Steamboat Co Marietta, Columbus and Cleveland R. R. Co Chicago, Indianapolis and Louisville Rwy.Co. Normann Upp. New York Central and Hudson River R. R.	do	
	Marietta, Columbus and Cleveland R. R. Co	do	
	Unicago, Indianapolis and Louisville Rwy.Co.	do	
	Normann Upp.		
	Co	do	9
	Detroit and Mackinac Rwv. Co.	do	4
	Narragansett Pier R. R. Co	do	4 2
	Co. Detroit and Mackinac Rwy. Co. Narragansett Pier R. R. Co. New Bedford, Marthas Vineyard and Nan- tucket Steamboat Co.	do	3
	tucket Steamboat Co.	3	_
	New 1 ork and Cuba Mall S. S. Co	Drawage	2
	do	do.	1
	Littlefield Alvord & Co	do	34
	J. A. Barry	Traveling expenses	34 29
	H. B. Hersey	do	160
	T. F. Townsend	do	47
	T. S. Collins	do	47 31 38
	Abe Weisner	Ctation among a	38 3
	F B Pichards	Reneiring instrument shelter	18
	W. L. Day	Station expenses, etc.	6
	New York substations.	Pay roll.	45
	Rocky Mountain Bell Telephone Co	Telephone services	27 15 3
	Chesterfield Telephone and Telegraph Co	do	15
	The Smith Premier Typewriter Co	Platen	3
	A I Howerton	Oil and alabastine	3
	C 1 11 0 T		
	Colwell & Rogers	Foundation and repairs to tank	314
	Colwell & Rogers. J. C. Widman & Co.	Weather map and frame	314 175
15	Narragansett Pier R. R. Co. New Bedford, Marthas Vineyard and Nantucket Steamboat Co. New York and Cuba Mail S. S. Co. St. Louis Transfer Co. do. Littlefield, Alvord & Co. J. A. Barry. H. B. Hersey T. F. Townsend. T. S. Collins. Abe Weisner Geo. Reeder. E. B. Richards W. L. Day. New York substations Rocky Mountain Bell Telephone Co. Chesterfield Telephone and Telegraph Co. The Smith Premier Typewriter Co. A. J. Howerton. Colwell & Rogers. J. C. Widman & Co. Woodin & Little B. B. McCay. James Jones. A. G. McAdie.	Foundation and repairs to tank Weather map and frame Pump, hose, etc. Traveling expenses	314 175 29 8 29

Date.	Name.	Nature of payment.	Total.
1904.			
une 15	P. DeGraw. O. W. Roberts. S. Hackett. A. E. Hackett	Office rent and subsistence	\$62.
	O. W. Roberts	Station expenses Drayage and photographs	3,
	S. Hackett	Drayage and photographs	3.
	A. E. Hackett	Passanger transportation	5. 8.
	Erie R. R. Co. Pittsburgh, Cincinnati, Chicago and St. Louis	Station expenses Passenger transportationdo	10.
	Gulf, Colorado and Santa Fe Rwy. Co The Lake Shore and Michigan Southern Rwy.	dodo	6. 70.
	Co. The Texas Pacific Rwy. Co. Direct West India Cable Co. (Limited). H. R. Eley. People's Ice and Fuel Co. Queen & Co. (Incorporated). Charles P. Biggin Co. R. D. Wilson Yates & Co.	do do do Telegraph services Repairing telegraph line Ice Alcohol. Glass globes. Heater Oil do Erecting tower Repairing typewriter Erecting awnings. Saws and ax Thermometers Drayage. Halyards Express charges Map frames do Rug. Letter presses. Paint Cardboard Boxes. Brushes Brushes Brushes Brushes Brushes Brushes Brushes Relegard line Repairing typewriter Erecting tower Erec	4.
	Direct West India Cable Co. (Limited)	Telegraph services	150.
	H. R. Eley	Repairing telegraph line	2
	People's Ice and Fuel Co	Ice	1.
	Queen & Co. (Incorporated)	Alcohol	5
	Charles P. Biggin Co.	Glass globes	10,
	Yates & Co	Oil	16. 15. 12.
	do	do	4.
	Meyer & Anselm.	Erecting tower	32.
	H. H. Hodgson	Repairing typewriter	4. 32. 16. 11.
	Morrison Tent and Awning Co	Erecting awnings	11.
	H I Green	Thermometers	4. 400.
	W. J. Crawford	Dravage	100.
	Yates & Co.  Meyer & Anselm H. H. Hodgson Morrison Tent and Awning Co. Alexander-Yost Co. H. J. Green W. J. Crawford J. B Lambie Co. (Incorporated) Adams Express Co. S. J. Venable do. Woodward & Lothrop. Estate of John C. Parker. W. H. Butler Co.	Halyards	40.
	Adams Express Co	Express charges	10.
	S. J. Venable	Map frames	25.
	Woodward & Lothron	Dug	201. 45.
	Estate of John C. Parker	Letter presses	194
	W. H. Butler Co.	Paint.	124. 200. 42. 12.
	R. Carter Ballantyne	Cardboard	42.
	J. S. Topham	Boxes	12.
	National Printers' Supply Co	Brushes	an.
	Southern Printers' Supply Co	Rubber stamps	1.
	Estate of John C. Parker W. H. Butler Co. R. Carter Ballantyne J. S. Topham National Printers' Supply Co. Lamb & Tilden Southern Printers' Supply Co. National Electrical Supply Co. E. A. Brown H. E. Hobbs	Wood brackets	1. 6. 12.
	E. A. Brown	Traveling expenses	7.1
	H. E. Hobbs	do	17.
	J. L. Bartlett	do	17. 13. 2. 5.
	W Goodell	Sooding lawn	2.
	A. D. Carter	Moving instrument shelter	18.
	John Paul	Constructing river gauge	18. 20. 5. 12.
	A. M. Ferguson	Cutting grass, etc	5.
	Landis Electric Co.	Rewiring electric apparatus	12.
	Pittsburg Transfor Co	Repairing telegraph line	2. 6.
	Postal Telegraph Cable Co	Telegraph services	1
	Chesapeake and Ohio Rwy. Co.	Passenger transportation	1. 57.
	The Chicago and Alton Rwy. Co	do	4. 3. 5. 19.
	Carrabelle, Tallahassee and Georgia R. R. Co.	do	3.
	Atlantic Coast Line R. R. Co.	do	5,
	Detroit and Mackinge Rwy Co	Freight charges	19.
	National Electrical Supply Co E. A. Brown. H. E. Hobbs. J. L. Bartlett. J. Warren Smith. W. Goodall. A. D. Carter. John Paul A. M. Ferguson. Landis Electric Co A. Midgett. Pittsburg Transfer Co Consapeake and Ohio Rwy. Co Chesapeake and Ohio Rwy. Co Chesapeake. Talkahasse and Georgia R. R. Co. Atlantic Coast Line R. R. Co. Cerre Haut and Indianapolis R. R. Co. Detroit and Mackinac Rwy. Co. Cleveland. Cincinnati, Chicago and St. Louis. Rwy. Co.	do	4. 2.
	The Oregon Railroad and Navigation Co	do	1.
	Norfolk and Southern R. R. Co	do1	3.
	Tayas and Pacific Rwy. Co.	do	3.
	H B. Gardner	do	8. 2.
	Disbursing clerk, Post-Office Department	Post-route maps	71.
22	C. E. Linney	Traveling expenses	9. 7.
	U. W. Flattery	do	7.
	F R Reaham.	Canoa hira	4. 6.
	E. D. Emigh	Dravage and cleaning carnet	5.
	Rwy. Co. The Oregon Railroad and Navigation Co Norfolk and Southern R. R. Co. Chesapeake and Ohio Rwy. Co. Texas and Pacific Rwy. Co. H. B. Gardner. Disbursing clerk, Post-Office Department. C. E. Linney. C. W. Flattery. R. D. Pettet. F. R. Beaham. E. D. Emigh. Galveston, Harrisburg and San Antonio Rwy. Co.	Passenger transportation	5. 18.
	Co. Union Pacific R. R. Co Western Union Telegraph Co. Rising Sun Telegraph Line Home Telephone Co. Pacific States Telephone and Telegraph Co Corvallis and Eastern R. R. Co. James White J. C. Ellington, jr.	do	8.
	Western Union Telegraph Co.	Telegraph services	109. 2.
	Kising Sun Telegraph Line	do	2.
	Pacific States Telephone and Telegraph Co	do	10. 8.
	Corvallis and Eastern R. R. Co	do	2.
	James White	Repairing river gauge	50.
	J. C. Ellington, jr	Papering office rooms	22.

Date.	Name.	Nature of payment.	Total.
1904.			
June 22	C. D. Widman & Co. F. W. Hansen C. C. Garrett	Weather map, etc	\$375.00
	F. W. Hansen	Fire tools Traveling expenses	1.00 18.18 25.08
	C. C. Garrett.	Traveling expenses	18. 18
	R. M. Hardinge Willis L. Moore B. H. Bronson G. R. Oberholzer	do	25. 03 18. 40
	B H Bronson	do	18 5
	G. R. Oberholzer	Station expenses	18.58 4.78
	F. Z. Gosewisch	do	. 7
	F. Z. Gosewisch. Frank Ridgway. Postal Telegraph Cable Co. Marthas Vineyard Telegraph Co. Alabama, Mississippi, and Tennessee Telephone Co. Litted Electric Cas and Power Co.	do	2. 98 978. 56 25. 56
	Postal Telegraph Cable Co	Telegraph services	978.50
	Marthas Vineyard Telegraph Co	do	25, 5
	Alabama, Mississippi, and Tennessee Tele-	do	6.50
	phone Co.	T1141 - 11-1-4	10.00
	United Electric Gas and Power Co	Electric light. Repairing telegraph linedodo dodo Ax and pick handlesPlaten.	12.05
	A Midgett	Repairing telegraph line	2.50 5.00
	do	do	2, 50
	F T Ross	Ax and nick handles	3.00
	F. L. Kershaw	Platen	2.00
	Lackawanna Steel Co.	Drayage	4.0
	Chapin & Simpson	Team hire and keeping horse.	114.1
	Kelfy & Co	Adding machine	114.1 3.0
	F. H. Smith	Cleaning motor	2.5
	E. B. Howerton	Cleaning furniture	8.0 13.5
	United Electric Gas and Power Co. John Lang. A. Midgettdo. F. T. Ross F. L. Kershaw. Lackawanna Steel Co. Chapin & Simpson Kelly & Co. F. H. Smith E. B. Howerton H. N. Loud The Smith Premier Typewriter Co. J. C. Entwistle. F. A. Schmidt Woodward & Lothrop Edward Mullin Western Union Telegraph Co. The N. Y. Marine Register, The World's Marine News Co. A. W. Pugh.	Drayage. Team hire and keeping horse. Adding machine Cleaning motor. Cleaning furniture. Wiring tower. Repairing typewriter Engraving rain chart Brushes. Millinet Rags.	13.5
	The Smith Premier Typewriter Co	Repairing typewriter	4.0
	J. C. ElitWistle	Engraving rain chart	10.0
	Woodward & Lothron	Millingt	6.6 13.7
6	Edward Mullin	Rags	14.0
	Western Union Telegraph Co	Telegraph services. The N. Y. Marine Register	14,629,7
30	The N. Y. Marine Register, The World's	The N. Y. Marine Register	14,629.7 35.0
	Marine News Co.		
	A. W. Pugh	Traveling expenses	12.7
	J. A. Barwick	do	28.5
	Geo. L. Lovett	Office rent	28. 5 105. 0 67. 5
	The Conrad National Bank	do	67.5
	A. Geiger	do	60.0
	Marine News Co. A. W. Pugh J. A. Barwick Geo. L. Lovett The Conrad National Bank A. Geiger Citizens Bank of Norfolk, Va. Wm. Pollman F. E. Warren Mercantile Co. Telephone Co. of South Jersey Columbia Telephone Co Kalispell Water and Electric Co The Inland Telephone and Telegraph Co. Larned Telephone Co W. S. Rowe Elizabeth City Electric Light and Power Co. The Wichita Gas, Electric Light and Power Co.	dodo	60.0 131.2 112.5 155.0
	F E Warren Morgantile Co	do	155.0
	Telephone Co. of South Jersey	Telephone services	5.0
	Columbia Telephone Co	do	6. 0 12. 0
	Kalispell Water and Electric Co	do	12.0
	The Inland Telephone and Telegraph Co	do	9.0
	Larned Telephone Co	do	3.0
	W. S. Kowe	Tile of mile annument	3.0
	The Wighits Cas Floating Light and Power Co.	Electric current	6. 2 2. 5
	Co.	α0	2.0
	State Lournal Co	Printing climate and eron hille-	227
	5 table 5 darker 60	tin.	
	The Steffen-Bretch Co.	Ice	3.0
	The Steffen-Bretch Co. Al Brand. C. L. Mills. J. P. Bolton The Pennsylvania R. R. Co. Virginia and Truckee R. R. Co. Chicago, Rock Island and Pacific Rwy. Co. Chicago, Milwaukee and St. Paul Rwy. Co. Southern Rwy. Co. J. Wadin. Farmers Deposit National Bank. The Anthony & Scovill Co. Young Bros.	Station expenses	3.8
	C. L. Mills	Drayage	1.5
	J. P. Bolton	Drayage and telephone services	15.5
	The Pennsylvania R. R. Co	Passenger transportation	43.1
	Chicago Rock Island and Project Project Chicago Rock Island	do	18.8 80.4
	Chicago, Milwaykoo and Ct. Bayl Dwy. Co	do	6.9
	Southern Rwy Co	do	44. 9
	J. Wadin	Repairing doors and windows	363.3
	Farmers Deposit National Bank	Erecting instrument shelter	363.3 110.0
	The Anthony & Scovill Co	Paper	2.0 9.0
	Young Bros	Painting instrument shelter	9.0
	Norfolk and Western Rwy	Freight charges	1.4
	Niagara Gorge R. R. Co	do	7.2
	Geo. Reeder	Traveling expenses	7.2
	A. D. Aymard	do	25.0
	Farmers Deposit National Bank. The Anthony & Scovill Co Young Bros. Norfolk and Western Rwy Niagara Gorge R. R. Co. Geo. Reeder. A. B. Aymard. A. B. Wollaber. W. F. R. Phillips P. Connor A. H. Thiessen J. M. Sherrier C. F. Von Herrmann Thos. Gibson R. M. Hardinge. H. F. Alps. Columbia Pump and Well Co.	do	7. 6 35. 3 17. 7
	P Connor	do	63.3
	A. H. Thiessen	do	63.3
	J. M. Sherrier	do	4.2
	C. F. Von Herrmann	Station expenses	12.5
	Thos. Gibson	Drayage	4.2 7.2
			7 6
	R. M. Hardinge	do	5.0

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

	Whitehall bottom, obtinition		
Date.	Name.	Nature of payment.	Total.
≣= 1904.	Davida Otatas Malanhana and Malananh Ca	Telephane gowiess	\$9.00
June 30	Pacific States Telephone and Telegraph Co Southern States Telephone Co Southern Bell Telephone Co A. Zappone do T. J. Walz. D. P. McCallum. Postal Telegraph Cable Co. of Texas The Great Northwestern Telephone Co. of Canada.	dodo	9.50 21.00 2.00 12.15
	Southern Bell Telephone Co	do	21.00
	A. Zappone	Passports	2.00
	F. J. Walz	dodo	45.45
	D. P. McCallum	do	7.09
	Postal Telegraph Cable Co. of Texas	Telegraph services	55.14 106.78
	Canada.		100.78
	Put in Bay Telegraph Co. Minneapolis, St. Paul and Sault Ste. Marie	do	28.53 5.63
	Minneapolis, St. Paul and Sault Ste. Marie Rwy. Co. Chicago, Rock Island and Pacific Rwy. Co Western Union Telegraph Co Jno. Martin & Co H. A. Poole Fred Bean. B. F. Larcombe et al	do	5.63
	Chicago, Rock Island and Pacific Rwy. Co	Desilding tole gives h loop	5.05
	Ino Martin & Co	Insulators etc	40.31 7.50
	H. A. Poole	Horse hire	1.50
	Fred Bean	Traveling expenses	21.50 2,475.82
	B. F. Larcombe et al	Pay roll, printing omce	2,475.82
	Total, quarter ending June 30, 1904		
	Supplemental.  F. H. Bigelow. A. G. McAdie. J. Warren Smith M. B. Stubbs J. H. Scott. S. C. Calvert W. L. Moore W. M. Wilson A. J. Henry R. H. Alger. H. Kimball J. W. Cronk H. Kimball J. W. Cronk H. C. Bate. Chas. Stewart Frank Ridgway E. H. Nimmo Camelo Sevilla Chicago Telephone Co The Rocky Mountain Bell Telephone Co Bell Telephone Co, of Buffalo Pacific States Telephone and Telegraph Co Mississippi Valley Telephone Co, of Iowa. Lynchburg Telephone Co Southern Bell Telephone Co Wichita Independent Telephone Co Michigan State Telephone Co Southern Bell Telephone Co South Carolina Long Distance Telephone Co Idaho Independent Telephone Co The Colorado Telephone Co Pacific States Telephone Co The San Antonio Telephone Co The San Antonio Telephone Co The Southwestern Telegraph and Telegraph Co Co. Southern Bell Telephone Co The Southwestern Telegraph and Telegraph Co The Southwestern Telegraph Telegraph Co Rocky Mountain Ell Telephone Co		
July 7	F. H. Bigelow	Traveling expenses	5.05 15.70
	A. G. McAdie	do	15.70
	J. Warren Smith	do	$6.40 \\ 6.25$
	J. H. Scott	do	6.25
	S. C. Calvert	do	8.25 5.55
	W. L. Moore	do	5.55 20.25
	A. J. Henry	do	10.25
	R. H. Alger	do	13.65
	H. H. Kimbali	do	13.65 5.25 7.00
	H. C. Bate	Dravage, etc.	5.75
	Chas. Stewart.	Station expenses	1.15
	Frank Ridgway	do	2.50 2.50
	Camelo Sevilla	Cleaning office	5.00
	Chicago Telephone Co	Telephone services	5.00 57.50 15.00
	The Rocky Mountain Bell Telephone Co	do	15.00 29.50
	Pacific States Telephone and Telegraph Co.	do	18.00
	Mississippi Valley Telephone Co. of Iowa	do	6.00
	Lynchburg Telephone Co	do	3.00 20.00
	Michigan State Telephone Co.	do	28, 50
	Wichita Independent Telephone Co	do	28.50 7.50 18.00
	Pennsylvania Telephone Co	do	18.00
	Citizens Telephone Co. of Muskegon	do	3.00 6.00
	South Carolina Long Distance Telephone Co.	do	10.00
	Benzie County Telephone Co	do	2.67 7.50
	The Colorado Telephone Co	do	12,00
	Peninsular Telephone Co	do	12.00 8.25
	Pacific States Telephone and Telegraph Co	do	9.00
	The Southwestern Telegraph and Telephone	do	7.50 7.50
	Co. Southern Bell Telephone and Telegraph Co Rocky Mountain Bell Telephone Co. Michigan State Telephone Co. West Virginia Western Telephone Co. Central Union Telephone Co. Pacific States Telephone and Telegraph Co. Southwest Telephone and Telegraph Co. Southwest Telegraph and Telephone Co. Michigan State Telephone Co. The Toledo Home Telephone Co. Bell Telephone Co. of Buffalo. Southern Bell Telephone and Telegraph Co. New York and Pennsylvania Telephone and Telegraph Co. The Southern New England Telephone Co. E. L. Renoe	do	9.00
	Rocky Mountain Bell Telephone Co	do	8.25
	Michigan State Telephone Co	do	8.25 15.00
	Central Union Telephone Co	do	4.50 13.50
	Pacific States Telephone and Telegraph Co	do	7.50 6.00
	Sunset Telephone and Telegraph Co	do	6.00
	Michigan State Telephone Co	00 do	15.00 28.33
	The Toledo Home Telephone Co	do	16.00
	Bell Telephone Co. of Buffalo	do	15.00
	Southern Bell Telephone and Telegraph Co	do	12.00 7.50 7.50
	New York and Pennsylvania Telephone and	do	7.50
	Telegraph Co.		
	The Southern New England Telephone Co	do	36.00
	L. L. Renoe	u0	2.00

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
	Supplemental—Continued.		
1904. July 7	The National Loan and Exchange Bank of	Office rent.	\$150.0
	Columbia. The Farmers National Bank of Fresno. E. L. Renoe. C. M. Beeson Walla Walla Lodge, No. 56, I. O. O. F. Consolidated Improvement Co. Marquette County Savings Bank Law Building Co. Jacob Crocker. Chicago Auditorium Association. A. W. Kennie. Prudential Building Co. Edgar Harding. Paine Bros. Dyal-Upchurch Investment Co. A. J. Knight. T. M. Jeffris & Co. Fremont Lumber Co. Frank Leddy, agent Malley Building. Orson Adams, ir. Peter Sonna. O. I. Mairs. Bank of Tehama County. Yale Hicks, agent. Union Trust Building Co. (Limited). Estate of S. Marks & Co. Dent & Butler. Tacoma Chamber of Commerce and Board of Trade. H. H. Taylor, agent Mills Building.	do	94. 8
	E. L. Renoe.	do	100.0
	Walla Walla Lodge, No. 56, L. O. O. F	do	88.9 84.8
	Consolidated Improvement Co.	do	165.0
	Law Building Co.	do	90.0 62.5
	Jacob Crocker	do	75.0
	A. W. Kennie	do	437. 9 75. 0
	Prudential Building Co	do	170.
	Paine Bros.	do.	118.77. 187.
	Dyal-Upchurch Investment Co	do	187. 82.
	T. M. Jeffris & Co.	do	125.0
	Fremont Lumber Co	do	87.7 150.0
	Orson Adams, jr	do	120.0
	Peter Sonna O. I. Mairs	do	120. 90.
	Bank of Tehama County.	do	99.0
	Vale Hicks, agent Union Trust Building Co. (Limited)	dodo	120.0
	Estate of S. Marks & Co	do	167. 84.
	Tacoma Chamber of Commerce and Board of	do	105. 75.
	Trade.	1	
	Vicente Gonzalez.	do	622. 160.
	International Ocean Telegraph Co	Telegraph services	160.
	Trade. H. H. Taylor, agent Mills Building. Vicente Gonzalez. International Ocean Telegraph Co. Ocean Towboat Line. Pacific States Telephone and Telegraph Co. Central District and Printing Telegraph Co. A. E. Outerbridge. San Antonio Gas and Electric Co. Tampa Electric Co. Eureka Lighting Co. W. S. Bricker J. F. Byrne Light and Power Commission. Leader Publishing Co.	do	2.
	Central District and Printing Telegraph Co	do	19.
	San Antonio Gas and Electric Co.	Electric light	55. 3.
	Tampa Electric Co	do	3. 15.
	W. S. Bricker	Electric current	12.
	J. F. Byrne	do	12.
	Leader Publishing Co	Printing climate and crop bulle-	8. 27.
	Munger's Laundry Co	tins.	6.
	Munger's Laundry Co F. L. Knight A. L. Crumpton	Towel supply Washing towelsdodo.	1.
			2.
	G. A. Barnett	Ice	4.
	G. A. Barnett.  Mount Washington Rwy. Co.  Western Union Telegraph Co.	Ice Ground rent Repairing telegraph loop	5. 3.
	A. Midgett	Team hire	2.
	Forsberg & Murray	Repairing boiler	30. 25.
	Western Charlese and Toy Co.  A. Midgett. G. E. Plaster, jr. Forsberg & Murray. C. R. Edmonston. Rudolph, West & Co. Illinois District Telegraph Co. F. C. Serenson.	Team hire Hauling supplies Repairing boiler Cuspidors	18.
	Illinois District Telegraph Co.	Delivering bulletins	1. 15.
	F. C. Serenson	Erecting fence	85. 2.
	The John M. Klein Electric Works	do	1.
	Alexander-Yost Co	Panaring rooms	3. 88.
	C. K. Edmonston. Rudolph, West & Co. Illinois District Telegraph Co. F. C. Serenson. California Notion and Toy Co. The John M. Klein Electric Works Alexander-Yost Co. F. D. Pettet. The Tuttle Paint and Glass Co.	Repairing furniture and instrument shelter.	18.
	Alexander-Yost Co	Wireless telegraph suppliesdo	3.4.
	Goodyear Rubber Co.	do	1.0
	Co. Goodyear Rubber Co. John A. Roebling's Sons Co The John M. Klein Electric Works. J. S. Stahl Smith Premier Typewriter Co. J. V. Oldham T. S. Crane W. H. Light. Henry Cleveland	do	8. ( 13. (
	J. S. Stahl	Repairing typewriter	4.4
	Smith Premier Typewriter Co	Repairing river gauge	6. 2.
	T. S. Crane	Painting walls and ceilings.	347.
	W. H. Light Henry Cleveland	Repairing roof of building Furnishing and planting hedge	520. 175.
		fence.	2.0.

#### WEATHER BUREAU, GENERAL EXPENSES-Continued.

Date.	Name.	Nature of payment.	Total.
	Supplemental—Continued.		
1904.	J. W. Graham & Co. Baltimore Journal of Commerce Keuffel & Esser Co. L. F. Sulpice Victor Rost. Carl Adler. John Kitchen, Jr., Co F. W. Hinsey. Oliver Typewriter Exchange. J. D. Thorpe. John Muhlfield Millison Office Supply Co. G. E. Plaster, jr. H. C. Hamill Farmers Deposit National Bank. Cook & Arthur	Tells	21 75
July, 7	Raltimore Journal of Commerce	InkBaltimore Journal of Commerce	\$1.75 2.75
	Keuffel & Esser Co.	Chartometer	
	L. F. Sulpice	Chartometer Repairing galley Repairing barograph Ink and mucilage Binding publications Repairing roof apparatus Repairing typewriter Repairing clock Constructing river gauge Repairing typewriter	1.00
	Victor Rost	Repairing barograph	7.00 3.00
	Uarl Adler	Rinding publications	15.00
	F. W. Hinsey	Repairing roof apparatus	9.00
	Oliver Typewriter Exchange	Repairing typewriter	11.30
	J. D. Thorpe	Repairing clock	1.50
	John Munifield	Constructing river gauge	8.00
	G. E. Plaster, ir	Storage, hav, etc.	3. 28 54. 15
	H. C. Hamill	Repairing typewriter Storage, hay, etc Repairing clock, etc	2.00
	Farmers Deposit National Bank	Shelving, etc	40.00
	Cook & Arthur A. H. Thiessen	Shelving, etc Constructing river gauge Traveling expenses	34.00 5.05
	F A Bools	do	25.09
	W. J. Olds	do	24.32
	H. S. Cole	do	24.30 5.75
	W. J. Olds H. S. Cole G. N. Wilson	Drawa ga	5.75 1.05
	H. C. Bate	do Drayage	2.40
	O. Parker	Station expenses	11. 16
	C. A. Blummer	Cleaning office	15.00
	Wells Fargo & Co. Express	Express charges	73.97
	I P Goory	Installing instrument supports	9.75 20.00
	P. A. F Walter	Rent of post-office box	1.50
	Town of Flagstaff	Water supply	8.00
12	James B. Lambie Co. (Incorporated)	Nails, wire, etc.	8.00 42.79 3.79
	United States Express Co	Express charges	14 70
	do	do	14.70 17.98
	do H. C. Bate O. Parker C. A. Blummer Wells Fargo & Co. Express G. A. Barton J. P. Geary P. A. F Walter Town of Flagstaff James B. Lambie Co. (Incorporated) Lamb & Tilden United States, Express Co. do Adams Express Co. The Smith Premier Typewriter Co. do	Freight charges	7.75 9.50
	The Smith Premier Typewriter Co	Repairing typewriter	9.50 14.20
	dodo	do Parts for typewriter Repairing typewriter . do Paper Desks, tables, and chairs Lightning armsets	4.60
	do	Repairing typewriter	20.00
	do	do,	22.00
	W. P. Moses	Paper.	110.76 80.90
	National Electrical supply Co	Lightning arrester	1. 10
	Woodward & Lothrop.	Desks and chairs	235.49
	Chelsea Carpet Cleaning and Storage Co	Cleaning carpet	18.00
	Wm Curry's Sons	Brooms mons ate	10. 25 5. 00
	Maverick-Clarke Litho Co.	Ink.	1.50
	Wm. Curry's Sons	Oil and Grease	6.50
	H. R. Parker	Horse hire	2.00 5.00
	W. B. Knight	Renairing instrument shelter	1.00
	dodododododododo.	Drayage	20.00
	A. Midgett	Repairing telephone line	5.00
	Central Union Telephone Co	relephone service	10.00 18.00
	New England Telephone and Telegraph Co	do	29.00
	New York Telephone Co	do	29.00 60.00
	Jacksonville Telephone Co	do	7.50
	Santa Fe Flectric Telephone Co	do	15.00
	Citizens Telephone Co.	do	6.00 13.25 2.50
	New England Telephone and Telegraph Co	do	2.50
	The Bell Telephone Co. of Buffalo	Pagangar transt-ti	4.40
	Delaware, Lackawanna and Wastern R R	do do	8.50 10.95
	Co.		10.00
	Boulton, Bliss & Dallett	do	50.00
	The Atchison Topole and Conta E. D.	do	7. 75 45. 55
	Co.  Boulton, Bliss & Dallett. Seaboard Air Line Rwy. The Atchison, Topeka and Santa Fe Rwy. Co. Chicago and Northwestern Rwy. Co. The Wabash R. R. Co.	do	
	The Wabash R. R. Co.	do.	29. 14 7. 50 34. 75
	St. Louis and San Francisco R. R. Co	do	34.75
	Washington Southern Rwy. Co	do	11.00
	The Baltimore and Ohio R. R. Co	do	3.50 24.45
	The Texas Pacific Rwy. Co	do	20.95
	The Wabash R. R. Co. St. Louis and San Francisco R. R. Co. St. Louis and San Francisco R. R. Co. California Northwestern Rwy. Co. Washington Southern Rwy. Co. The Baltimore and Ohio R. R. Co. The Texas Pacific Rwy. Co. Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.	do	18.00
	Rwy. Co.	The aid	227

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total
	Supplemental—Continued.		
1904. ly 12	Atlantic Coast Line R. R. Co. Pacific Mail Steamship Co. Pennsylvania Co. The Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co. Dexter Horton T. B. Catron	Passenger transportation	\$30.
	Pacific Mail Steamship Co.	do	75.
	The Cleveland, Cincinnati, Chicago and St.	dodo.	75. 11. 46.
	Louis Rwy. Co.		
	Dexter Horton	Office rent.	120 105
	T. B. Catron The Royal Mail Steam Packet Co Jacksonville Towel Co The R. L. Bryan Co	Rent of roof	105.
	Jacksonville Towel Co.	Washing towels.	3.
	The R. L. Bryan Co  The H. & W. B. Drew Co. Robert Tyler Muckerman Ice and Coal Co. Grant Rivenburg. Lincoln Traction Co. Illinois Central R. R. Co. do. do. do. Cleveland, Cincinnati, Chicago and St. Louis Rwy. Co.	Printing climate and crop bulletins.	52
	The H. & W. B. Drew Co	do	63 10 3 2
	Muckerman Ice and Coal Co	Ice	3
	Grant Rivenburg	do	2
	Illinois Central R. R. Co.	Freight charges	13
	do	do	1
	do	dodo	
	Cleveland, Cincinnati, Chicago and St. Louis	do	2
	Rwy. Co.	do	
	dodododododododo	do	8. 5.
	do	do	
	San Pedro, Los Angeles and Salt Lake R. R. Co.	do	10
	Co. Rome, Watertown and Ogdensburg R. R. Wabash R. R. Co. Baltimore and Ohio Southwestern R. R. Co. Union Pacific R. R. Co. New York, New Haven and Hartford R. R. Co. Town of New Shoreham. New York, Texas and Mexico Rwy. Co. The Denver and Rio Grande R. R. Co. Pennsylvania R. R. Co. Detroit and Mackinac Rwy. Co. Maricopa and Phoenix and Salt River Valley R. R. Co.	do	18
	Wabash R. R. Co.	do	3 22
	Union Pacific R. R. Co	do	3 22
	New York, New Haven and Hartford R.R.Co.	do	2 1 1
	Town of New Shoreham	do	1
	The Denver and Rio Grande R. R. Co.	do	1
	Pennsylvania R. R. Co.	do	5
	Maricopa and Phoenix and Salt River Valley	do	2
	R. R. Co.		
	A. H. Thiessen	Traveling expenses	49 11
	T. L. Bridges	do	26
	Pacific States Telephone and Telegraph Co	Telephone services	25 14
	R. R. Co. A. H. Thiessen A. Jappone T. L. Bridges Pacific States Telephone and Telegraph Co. New England Telephone and Telegraph Co. Flagstaff Mutual Telephone Co. Southern Bell Telephone and Telegraph Co. do. Independent Telephone Co. Wytheville Telephone Co. The Southern Bell Telephone and Telegraph Co.	do	8
	Southern Bell Telephone and Telegraph Co	do	15
	Independent Telephone Co	do	7
	Wytheville Telephone Co	do	9. 7. 3.
	The Southern Bell Telephone and Telegraph	do	15
	The Indianapolis Gas Co	Office rent	256
	Asheville Library Association	do	75
	Bank of Wytheville, Va	do	75 100
	Co. The Indianapolis Gaş Co. Asheville Library Association. John B. Smith. Bank of Wytheville, Va. Pacific Club. Los Angeles Trust Co. The Chemical Building Co. Michigan Trust Co. Building. American Surety Co. of New York. Charleston Consolidated Rwy., Gas, and Electric Co.	do	65 195
	The Chemical Building Co	do	195 450
	Michigan Trust Co. Building	do	350
	American Surety Co. of New York	do	875 8
	tric Co.	Photonic ngm	
	Georgetown Electric Co Charleston Consolidated Rwy., Gas, and Elec-	do	8
	trie Co.	1	8
		Electric current	15.
	The Union Ice Co	do	9.
	John Ferguson	do	4.
	J. F. Beck	Washing towels	3. 2. 2.
	A. O. Fischer	Team hire	2.
	W. H. H. Smith	do	18. 22.
	Hoke Engraving Plate Co	Wireless telegraph supplies	18.
	Minneapolis General Electric Co The Union Ice Co Lone Star Ice Co John Ferguson J. F. Beek Joe Campbell A. O. Fischer W. H. H. Smith Hoke Engraving Plate Co. The Electric Storage Battery Co Tualatin Mill Co H. S. Crocker Co	Constructing river gauge	30.
	H. S. Crocker Co. Pacific States Telephone and Telegraph Co Chapman & Jakeman.	Ink. Rent of conduit. Cleaning clock.	2.
	racine States Telephone and Telegraph Co	rent of conduit	35. 2.

## WEATHER BUREAU, GENERAL EXPENSES-Continued.

Date.	Name.	Nature of payment.	Total.
	Supplemental—Continued.		
1904.	Palastina Hardwara Co	Water cooler	\$3.5
uly 12 14	Palestine Hardware Co. Treasurer of the United States  E. A. Evans W. E. Bonnett M. Wright T. F. Townsend One One D. McDonough T. B. Jennings J. J. Kelliher J. R. Weeks G. A. Loveland A. Ashenberger L. M. Pindell J. F. Newsom A. G. Burns S. W. Glenn E. R. Demain E. R. Demain F. H. Brandenburg	Water cooler Constructing walks, etc., Yellow- stone Park, Wyo.	523.
1.1	Transactor of the Chived States	stone Park, Wyo.	0201
15	E. A. Evans	Traveling expenses	14. (
	W. E. Bonnett	do	9.0
	M. Wright	do	2.0
	T. F. Townsend	Station expenses	10.5
	P. McDonough	Drawage and weahing towals	5.6 1.3
	T B Jennings	Drayage and washing towers	2.5
	J. J. Kelliher	Dravage	1.0
	J. R. Weeks	do	1. ( 11. '
	G. A. Loveland	Station expenses	11.
	A. Ashenberger	Drayage and oil	1.4
	L. M. Pindell.	Drayage	
	J. F. Newsom	Drayage, etc	. !
	A. G. Duriis	Station avpaneae	4.
	S. W. Glenn E. R. Demain F. H. Brandenburg	do	4.
	F. H. Brandenburg	Gasoline and repairing rain gauge.	.9
	A. H. Bell	Station expenses	14.4
	A. H. Bell A. L. Brockway R. M. Geddings	do	· 3.
	R. M. Geddings	do	• 2.
	R. M. Gettlings J. W. Byram N. R. Taylor F. W. Conrad L. M. Tarr W. M. Fulton F. Newman J. C. Piercy G. N. Salishuvy	do	11
	N. R. Taylor	do	2.
	F. W. Conrad	Drayage	4.
	W M Fulton	Station expenses	17.
	F. Newman	Dravage	14.
	J. C. Piercy	do	1.
	G. N. Salisbury	do	1 .
	R. H. Sullivan	Drayage, etc	73. 6.
	W. T. Blythe	Station supplies and expenses	73.
	G. N. Salisbury R. H. Sullivan W. T. Blythe T. S. Outram	Drayage, etc. Station expenses Express charges Drayage	6.
	P. H. Smyth W. G. Burns L. N. Jesunofsky	Station expenses	3.
	W. G. Burns	Express charges	11. 1.
	T S Colline	do	1.0
	T. S. Collins B. Bunnemeyer E. L. Wells	Station expenses	3.
	E. L. Wells	Station expenses Washing towels.	0.
	Campbell Printing Press and Manufacturing	Repairing printing press	265.
	Co.		
	Cumberland Telephone and Telegraph Co	Telephone services	10.
	The Diamond State Telephone Co	do	6.
	Home Telephone Co	do	4.
	Maryland Telephone and Telegraph Co	do	7. 7. 18.
	Hudson River Telephone Co.	do	16.
	Sunset Telephone and Telegraph Co	do	15.
	Co. Cumberland Telephone and Telegraph Co The Diamond State Telephone Co. Chesterfield Telephone and Telegraph Co Home Telephone Co. Maryland Telephone and Telegraph Co. Hudson River Telephone Co. Sunset Telephone and Telegraph Co. Southwestern Telegraph and Telephone Co. Mutual Telephone Co Cumberland Telephone and Telegraph Co dodo.	do	15. 15.
	Mutual Telephone Co.	do	11.
	Cumberland Telephone and Telegraph Co	do	29.
	do	do	12.
	Co.	uv	18.
	Southern Bell Telphone and Telegraph Co	ob	12,
	do	do	21.
	Fayette Home Telephone Co.	do	4.
	Empire State Telephone and Telegraph Co	do	7.
	East Tennessee Telephone Co	do	9.
	The Bell Telephone Co. of Philadelphia	do	17.
	Kinioch Telephone Co	00	15.
	Rocky Mountain Ball Talanhana Co	do	7. 9.
	Cumberland Telephone and Telegraph Co.	do	21.
	Pacific States Telephone and Telegraph Co	do	4.
	Cumberland Telephone and Telegraph Co.	do	16.
	Central Union Telephone Co	do	10.
	Southern Bell Telephone and Telegraph Co	do	12.
	The Cleveland Telephone Co.	do	33.
	The Northwestern Telephone Exchange Co	do	33.
	East Tennessee Telephone Co	do	12. 12.
	The Coloredo Telephone Co	dodo	12.0
	The Colorado Telephone Co	do	28. 30. i
	Iowa Telephone Co	do	15
	The Southwestern Telegraph and Telephone Co. Southern Bell Telphone and Telegraph Codo	do	15. 15.

## WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	. Name.	Nature of payment.	Tota
	Supplemental—Continued.		
1904.	Sunset Telephone and Telegraph Co. Louisville Home Telephone Co. Southern Bell Telephone and Telegraph Co. Wisconsin Telephone Co. Southern Bell Telephone and Telegraph Co. The Bell Telephone Co. of Missouri The Keystone Telephone Co. of Philadelphia. Duluth Telephone Co. The Bluff City Telephone Co. The Bluff City Telephone Co. The Bluff City Telephone Co. The Columbus Citizens Telephone Co. Black Hills Telegraph and Telephone Co. Sunset Telephone and Telegraph Co. Southern Utah Telephone Co. New England Telephone and Telegraph Co. Michigan State Telephone Co. New Fork and Pennsylvania Telephone and Telegraph Co. Cumberland Telephone and Telegraph Co. Southern Bell Telephone and Telegraph Co. Southern Bell Telephone and Telegraph Co. Asheville Telephone and Telegraph Co. Asheville Telephone and Telegraph Co. Michigan State Telephone Co. Asheville Telephone and Telegraph Co. Michigan State Telephone Co. The Central Union Telephone Co. The Central District and Printing Telegraph Co. The Central District and Printing Telegraph Co. The Central District and Telegraph Co. The Central District and Telegraph Co.		
aly 15	Sunset Telephone and Telegraph Co	Telephone services	\$18
	Southern Poll Telephone and Telegraph Co	do	12
	Wisconsin Telephone Co	do	1.5
	Southern Bell Telephone and Telegraph Co	- do	15 12
	The Bell Telephone Co. of Missouri	do	33
	The Keystone Telephone Co. of Philadelphia	do	20 18
	Duluth Telephone Co.	do	15
	The Bluff City Telephone Co.	do	15
	Black Hills Talagraph and Talaphone Co	do	10
	Sunset Telephone and Telegraph Co	do	21 15
	Southern Utah Telephone Co.	do	
	New England Telephone and Telegraph Co	do	8
	Michigan State Telephone Co	do	7
	Nebraska Telephone Co	do	21
	Palestine Telephone Co	do	9
	Tolograph Co	do	12
	Cumberland Telephone and Telegraph Co	do	19
	Southern Bell Telephone and Telegraph Co	do	24
	Central Union Telephone Co	do	24 13
	Asheville Telephone and Telegraph Co	do	10
	Michigan State Telephone Co	do	
	E. V. Hauser	do	10 38
	Co.		96
	Co.  New England Telephone and Telegraph Co.  Michigan State Telephone Co.  Pacific States Telephone and Telegraph Co.  Southern Bell Telephone and Telegraph Co.  New England Telephone and Telegraph Co.  Northwestern Telephone Exchange Co.  Alabama, Mississippi and Tennessee Telephone Co.  Supert Telephone and Telegraph Co.  Supert Telephone and Telegraph Co.	do	14
	Michigan State Telephone Co.	do	14
	Pacific States Telephone and Telegraph Co	do	39
	Southern Bell Telephone and Telegraph Co	do	
	New England Telephone and Telegraph Co	do	
	Alabama Miggiggippi and Tappagga Tala	do	(
	nhone Co		,
	Sunset Telephone and Telegraph Co	do	(
	R. L. Lewis	do	24
	R. E. Pollock	Traveling expenses	14
	Cherry County Telephone Co	Telephone services	
	Astoria Electric Co	Electric light	4
	Northern California Power Co	dodo	21
	Improvement Loan and Trust Co	do	\$
	Havre Electric Light Co.	do	24 14 24 24 24 48 60
	phone Co. Sumset Telephone and Telegraph Co R. L. Lewis. R. E. Pollock Cherry County Telephone Co. Astoria Electric Co. E. A. Born Northern California Power Co. Improvement Loan and Trust Co. Havre Electric Light Co. Menominee and Marinette Light and Traction Co.	do	2
	tion Co.		
	O. C. G. Urban	do	4
	Phoenix Light and Fuel Co	do	12
	I E Miller & Son	do	9
	Sociedad Anonima Luz Electrica	do	15 5 21
	Port Huron Light and Power Co	do	J
	tion Co. O. C. G. Urbando. Phoenix Light and Fuel Co. J. E. Miller & Son Sociedad Anonima Luz Electrica. Port Huron Light and Power Co. H. N. Loud. Washington Electric Light and Power Co. Board of Fire and Water Commissioners Power Department. Ashland Light, Power and Street Railway Co. The Culver Construction Co. Green Bay Light and Power Co Agricultural and Mechanical College of Kentucky.	do	f
	Washington Electric Light and Power Co	do	10
	Board of Fire and Water Commissioners	do	10
	Ashland Light Power and Street Railway Co.	do	17
	The Culver Construction Co.	do	12
	Green Bay Light and Power Co	do	12
	Agricultural and Mechanical College of Ken-	do	Ę
	tucky.	2.	
	M. V. Hugnes.  Paople's Consend Floatric Const Ogwers	do	9
	United Fleetric Light and Power Co	do	7
	Annapolis Gas and Electric Light Co	do	Ć
	Nantucket Gas and Electric Co.	do	1
	Cape May Light and Power Co	do	3
	Consolidated Electric Light Co. of Maine	do	37
	Asheville Electric Co.	do	37 37 15
	Nashville Railway and Light Co.	Electric current	15
	Indiana polis Light and Power Co	do	18
	The Raleigh Electric Co	do	4
	Galveston Gas Co.	Gaslight	4 8
	Standard Gas and Electric Co.	do	10
	Agricultural and Mechanical College of Kentucky.  M. V. Hughes  People's Gas and Electric Co. of Oswego.  United Electric Light and Power Co.  Annapolis Gas and Electric Light Co.  Nantucket Gas and Electric Light Co.  Nantucket Gas and Electric Co.  Consolidated Electric Light Co. of Maine.  Asheville Electric Co.  Nashville Railway and Light Co.  Consolidated Gas Co. of New Jersey.  Indianapolis Light and Power Co.  The Baleigh Electric Co.  Galveston Gas Co.  Standard Gas and Electric Co.  Nashville Gas Co.  Standard Gas and Electric Co.  Margaret Parmentier  E. D. Osborn.	do	8
	Buffalo Gas Co	do	4
	Margaret Parmentier	Omce rent	74 125

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total.
1001	Supplemental—Continued.		
1904. 1ly 15	Supplemental Suppl	Office rent.	.\$95.4
119 10	Improvement Loan and Trust Co	do	\$95.48 206.28
	Cleary Bros	do	135.00
	F L Keating	do	52. 84 96. 00 126. 00
	The First National Bank, Portland, Me	do	126.00
	Department of the Interior of Porto Rico	do	150.00
	Walter Taibot	do	120.00 78.50
	B. S. Williams	do	73.00
	J. K. Porter	do	150.00 127.50 165.00
	Emily Culbertson	do	127. 50
	F. D. Miracle	do	147.00
	K. F. Coke	do	60.00
	J. L. Connell	do	60.06 118.78 285.06
	Mill Valley and Mount Tamalnais Scenic	do	105.00
	Rwy.		100.00
	Jose Valenti	do	75.00
	Empire Building Trust	do	279.0
	Fraternal Hall Association	do	300.0 105.0
	Estate of J. G. Hatch.	do	105.00 82.7
	Mill Valley and Mount Tamalpais Scenic Rwy. Jose Valenti. Empire Building Trust The Hayden Co. Fraternal Hall Association Estate of J. G. Hatch Title Guarantee Loan and Trust Co. D. Hope Ross. Northwestern Mutual Life Insurance Co. of Milwaukee, Wis. Clinckett & Coates. D. L. Buhne, G. C. Buhne, M. C. Pratt, S. C. Buhne.	do	180.0
	D. Hope Ross.	do	72. 0 125. 0
	Milwaukee, Wis.		120.0
	Clinckett & Coates	do	69.2
	D. L. Buhne, G. C. Buhne, M. C. Pratt, S. C.	do	92.20
	Buhne.	Rent of hosthouse	24.0
	A. S. Cook	Office rent	90.0
	Kathrina Wagner	do	75.0
	Cumberland Telephone and Telegraph Co	Telephone services	15.66
	Bunne. Wm. Curry's Sons. A. S. Cook. Kathrina Wagner. Cumberland Telephone and Telegraph Co Home Telephone Co The Ohio River Telephone Co East Tennessee Telephone Co	do	10.40
	East Tennessee Telephone Co	do	15. 40 14. 1
	do	do	15.6
	Postal Telegraph-Cable Co. of Texas	Telegraph services	113.8
	R G Thomas	Washing towels	7.50 3.0
	J. P. Geary	Horse hire.	10.0
	J. I. Widmeyer	Station expenses	. 1.8
	J. W. Bauer	do	1. 8 4. 7 2. 2
	Pensacola, substations	Pay roll	36.00
	Buffalo, substations	do	108.00
	Norfolk, substations	do	135.0
	La Crosse Telephone Co	Telephone services	7.5
	The Northwestern Telephone Exchange Co	do	3. 7. 21. 0
	Twin City Telephone Co	do	12.0
	Northwestern Telephone Exchange Co	do	10.50
	Chamber of Commerce Building Co	omce rent	6. 2. 93. 2
	The Offic River Telephone Co. do Postal Telegraph-Cable Co. of Texas Townsend Gas and Electric Co. R. G. Thomas J. P. Geary J. I. Widmeyer J. I. Widmeyer W. S. Currier W. S. Currier Pensacola, substations Buffalo, substations Buffalo, substations Norfolk, substations La Crosse Telephone Co. Wisconsin Telephone Co. Wisconsin Telephone Exchange Co. Twin City Telephone Co. Northwestern Telephone Exchange Co. E. T. Pennoyer Chamber of Commerce Building Co. Humboldt County, Nev J. E. Dooley The First National Bank of Moorhead C. J. Buell A. A. Finck	do	67.0
	J. E. Dooley	do	150.0
	The First National Bank of Moorhead	do	66.3 94.50
	A. A. Finck	Printing climate and crop bul-	26.0
		letins.	
	Statesman Printing Co	do	101.50
	Acme Publishing Co	do	52. 00 38. 50
	A. Lynne é hijos de Perez Moris	do	78.00
	The Schnepp & Lauer Co	do	52. 00 38. 50 78. 00 45. 00
	Dunn & Lemmon	do	55.11
	Bennett Printing House	do	39. 00 52. 00
	World Publishing Co.	do	33.0
	St. Louis Toilet Supply Co.	Towel supply	4.5
	U. A. Johnson	do	3.0
	The American Toilet Supply Co.	do	3.00
	Eastern Towel Supply Co	do	2.2. 6.00 1.80
	nastern remer suppry comments		
	A. A. Finck  Statesman Printing Co. Vicksburg Herald. Acme Publishing Co. A. Lynne é hijos de Perez Moris The Schnepp & Lauer Co. Dunn & Lemmon. Times-Journal Publishing Co. Bennett Printing House World Publishing Co. St. Louis Toilet Supply Co. C. A. Johnson J. H. Groot. The American Toilet Supply Co. Eastern Towel Supply Co. Nashville Laundry Co. Long's Towel Supply L. E. Wilson.	do	1.8 3.0

# $Expenditures\ of\ the\ Department\ of\ Agriculture\ for\ fiscal\ year\ ending\ June\ 30,\ 1904-{\bf Cont'd}.$

## WEATHER BUREAU, GENERAL EXPENSES-Continued.

Date.	Name.	Nature of payment.	Total
	Supplemental—Continued.  Dora Moyen. Omaha Towel Co Baltimore Towel Supply Co. C. D. Cass. C. G. Le Clair. The Huron Ice Co. The Union Ice Co. W. B. Lount. Lytle Water Co Consumers Ice Co. Geo. A. Von Blucher American Ice Co. Consumers Ice and Fuel Co. Capital Ice Co. Peoples Ice and Fuel Co. C. J. Chilver. Clem Jaycocks. City Delivery Co. H. K. Eagleson. Johnson & Johnson. Peleg Brown. E. O. Neal. J. R. Hobbs W. W. Best. Louis Hendricks. Duluth Van and Storage Co. H. A. Brossard C. W. Harris. A. M. Ferguson. E. A. Little. J. B. Fickett & Co. Ithaca Calendar Clock Co.		
1904.	Den Menn	TV1-1	0.0
July 15	Omaha Towal Co	wasning towels	\$6
	Reltimore Towel Supply Co	do	3 2
	C. D. Cass	do	3
	C. G. Le Clair	Ice supply	ĭ
	The Huron Ice Co	do	3
	The Union Ice Co	do	9
	W. B. Lount	do	3 1 3 9 7 3
	Lytle Water Co	do	3
	Geo A Von Blueber	do	4
	American Ice Co	do	2
	Consumers Ice and Fuel Co.	do	ī
	Capital Ice Co	do	3
	Peoples Ice and Fuel Co	do	1
	C. J. Chilver	do	3
	Clem Jaycocks	do	9
	Ulty Delivery Co.	00	4
	I. K. Edgleson	dodo	2 2
	Peleg Brown	Team hire	5
	E. O. Neal	do	2
	J. R. Hobbs	Horse hire	5
	W. W. Best	Repairing telegraph line	7
	Louis Hendricks.	do	. 5
	Duluth Van and Storage Co. H. A. Brossard C. W. Harris A. M. Ferguson E. A. Little J. B. Fickett & Co. Ithaca Calendar Clock Co. Gustaf Forsberg A. B. Kennedy F. H. Kinsman Richard Peacon Jones House-Furnishing Co. Gamble & Ludwig	Drayage, etc	14
	H. A. Brossard	To learning a sealle see	3
	A M Forguson	Root hire etc	98 11
	E A Little	Cleaning carnet	1
	J. B. Fickett & Co.	Benzine	1
	Ithaca Calendar Clock Co	Cleaning triple register clock Painting instrument shelter Cleaning thermograph clock	2
	Gustaf Forsberg	Painting instrument shelter	2
	A. B. Kennedy	Cleaning thermograph clock	1
	F. H. Kinsman	Renovating office Gasoline and kerosene. Sectional bookcase	4
	Kichard Peacon.	Gastieral backersene	19 53
	Camble & Ludwig	Gasoline	90
	Jones House-Furnishing Co. Gamble & Ludwig A. E. Porter H. J. Bool. Citizens Bank of Norfolk, Va. C. B. Little J. B. Ansbury F. G. and A. Howald Scarritt Comstock Furniture Co. C. C. Ranson J. W. Duncan J. A. Mott Neil Ferguson	Renovating office rooms Renovating furniture Making and repairing awnings	9
	H. J. Bool	Renovating furniture	6
	Citizens Bank of Norfolk, Va	Making and repairing awnings	12
	C. B. Little	Water supply Painting river gauge Repairing chairs	11
	J. B. Ansbury	Painting river gauge	17 10
	F. G. and A. Howald	Repairing chairs	10
	C. C. Pongon	Desk. Repairing telegraph line. Adjusting river gauge. Concreting cellar floor.	21
	I W Dungan	A diusting river gauge	1
	J. A. Mott	Concreting cellar floor	99
	Neil Ferguson	Dravage	
	Neil Ferguson Rising Sun Telegraph Line. Minneapolis, St. Paul and Sault Ste. Marie	Telegraph services	2
	Minneapolis, St. Paul and Sault Ste. Marie	do	10
	RWV CO		
	The Direct West India Cable Co. (Limited)	do	154
	The Direct West India Cable Co. (Limited) The Moncure and Pittsboro Telegraph Co The Great Northwestern Telegraph Co. of	do	7 131
	Canada.		191
	Jacksonville and St. Johns Bar Telegraph		17
	Corvallis & Eastern R. R. Co	do	5
	Postal Telegraph-Cable Co.	do	938
	Clime. Corvallis & Eastern R. R. Co. Postal Telegraph-Cable Co. Western Union Telegraph Co. Gaut-Ogden Co. W. Ellis J. T. Myers W. A. Bond	do	13,774
20	Gaut-Ogden Co	Repairing typewriter	
	W. Ellis	Cleaning office	9
	J. T. Myers	Ashestes severing for pines	15 30
	Lamb & Tilden	Pubbor stomps	1
	G. I. Gibson	Rubber stamps	175
	Lamb & Tilden G. L. Gibson Chapin & Simpson B. L. Waldron R. J. McMaster Mill Valley and Mt. Tamalpais Scenic Rwy. New Haven, substations Macon, substations Rocky Mountain Bell Telephone Co East Tennessee Telephone Co Southwestern Telegraph and Telephone Co Georgia Telephone and Telegraph Co Cumberland Telephone and Telegraph Co Rocky Mountain Bell Telephone Co	Dravage and livery service	100
23	B. L. Waldron	Dravage and washing towels	1
	R. J. McMaster.	Services	15
	Mill Valley and Mt. Tamalpais Scenic Rwy	do	15
	New Haven, substations	Pay roll	48
	Macon, substations.	do	43
	Rocky Mountain Bell Telephone Co	Telephone services	15
	East Tennessee Telephone Co	do	21
	Georgia Telephone and Telephone Co	do	15
	Cumberland Telephone and Telegraph Co	do	48
	The state of the s	1.	12

Date.	Name.	Nature of payment.	Total.
	Supplemental—Continued.		
1904. ıly 23	Iowa Telephone Co	Telephone servicesdo.	\$7. 21.
	Peoples Telephone and Telegraph Co Dakota Central Telephone Lines (Incorpo-		7. 94.
	rated). Capital Telephone and Telegraph Co Southwestern Telegraph and Telephone Co The Topeka Independent Telephone Co The Delaware and Atlantic Telegraph and		4. 9.
	The Topeka Independent Telephone Co The Delaware and Atlantic Telegraph and Telephone Co.	do	9. 12.
	East Tennessee Telephone Co	dodo	36. 14.
	Telephone Co.  East Tennessee Telephone Co.  Rocky Mountain Bell Telephone Co.  North Montana Telephone Co.  Central New York Telephone and Telegraph	do	14. 14. 20.
	Co. Southwestern Telegraph and Telephone Co.	ob	18.
	Co. Southwestern Telegraph and Telephone Co. Southern Bell Telephone and Telegraph Co. Wisconsin Telephone Co. Cumberland Telephone and Telegraph Co. W. H. Dann Manitowoe Electric Co. Electric Lighting Co. of Mobile. The Milwaukee Electric Railway and Light Co.	do	12. 30.
	Cumberland Telephone and Telegraph Co	Office ront	12. 72.
	Manitowoe Electric Co	Electric light	18.
	The Milwaukee Floatric Pailway and Light	do	1. 12.
	Co. Kenosha Gas and Electric Co	do	17.
	The Citizens Gas and Electric Co	do	3.
	Sturgeon Bay Electric Light Plant	do	11. 11.
	Max Levy.	Electric current	30.
	Chicago, Rock Island and Pacific Rwy: Co	dodo	150. 10.
	Co. Kenosha Gas and Electric Co. The Citizens Gas and Electric Co. Sturgeon Bay Electric Light Plant Sheboygan Light, Power, and Railway Co. Max Levy. Cumberland Telephone and Telegraph Co. Chicago, Rock Island and Pacific Rwy. Co. Pacific States Telephone and Telegraph Co. R. G. Sleater.	Printing climate and crop bulletins.	7. 52.
	Naegle & Co.	do	22.
	American Linen Supply Co.	Towel supply	3. 3. 3.
	H. A. Poole	Repairing telegraph line	3.
	W. Sharpe.	Repairing platform, etc	30. 30.
	Pacific States Type Foundry	Type.	20. 8.
	A. R. Derge & Co.	Ink.	3.
	Missouri Pacific Rwy. Co	Freight charges	1. 14.
	do	do.	3.
	Naegle & Co Consumers Ice Co American Linen Supply Co H. A. Poole. Remington Typewriter Co W. Sharpe. Pacific States Type Foundry. The General Cartage and Storage Co A. R. Derge & Co Missouri Pacific Rwy. Co do do New York Central and Hudson River R. R. Co	do	4.
	Louisville and Nashville R. R. Co	do	3.
	do	do	3. 4.
	do.	do	
	New Orleans and Northeastern R. R	do	
	Co. do. do. Louisville and Nashville R. R. Co. do. Albany and Vicksburg Rwy. do. New Orleans and Northeastern R. R. do. Southern Rwy. Co. Burlington and Missouri River R. R. in Nebraska.	do	10. 11.
	burlington and Missouri River R. R. in Nebraska.  Norfolk and Washington Steamboat Co. Great Northern Rwy. Co. Colorado Midland Rwy Co. Western Railway of Alabama.  Town of New Shoreham El Paso and Southwestern R. R. Co. Boston and Maine R. R. Chicago and Northwestern Rwy. Co. G. T. Todd. F. A. Carpenter E. A. Beals. Philadelphia, substations Southern Bell Telephone and Telegraph Co. Sunset Telephone and Telegraph Co. Joseph Bryan City of Milwaukee. City of South Haven, Mich. City of Grand Haven. Muskegon Traction and Lighting Co.	do	11.
	Colorado Midland Rwy Co.	do	2. 9.
	Western Railway of Alabama	do	4.
	El Paso and Southwestern R. R. Co	do	2. 6.
	Boston and Maine R. R.	do	9.
	G. T. Todd	Drayage	9. 5.
	F. A. Carpenter	Drayage and washing towels	9.
	Philadelphia, substations	Drayage, etc	6. 79.
	Southern Bell Telephone and Telegraph Co	Telephone services	8
	Joseph Bryan	Office rent	4. 150.
	City of Milwaukee	Electric light	12. 12.
	City of South Haven Mich	do	12

## WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total
	Supplemental—Continued.		
1904. ıly 23	The Crystal Ice Co	Ice	\$2.
11 y 20	P. Binder	do	3.
	P. Binder. Densmore Typewriter Co. W. S. Belden	Repairing typewriter	1.
	W. S. Belden	Traveling expenses	23.
	L. H. Murdoch	Drayage	10.
	M. E. Conway	do	
	W. J. Olds	Drayage and washing towels	
	L. A. Denson	Station expenses	2.
	A tlanta gubatations	Services	30
	Charleston substations	do	167 60
	do	do	30
	Indianapolis, substations.	do	180
	Jacksonville, substations	do	75.
	New York, substations	do	45.
	Boston, substations	do	791.
	Charleston, substations	do	77.
	Chicago, substations	do	345
	Atlanta substations	dodo	129. 71.
	Sayannah substations	do	151.
	S. W. Lightner	Services	30.
	New Orleans, substations.	Pay roll.	211
	do.	do	128
	W. J. Olds L. A. Denson H. D. Pillichody Atlanta, substations . Charleston, substations . do Indianapolis, substations Jacksonville, substations New York, substations Soston, substations Charleston, substations Charleston, substations Charleston, substations Atlanta, substations Atlanta, substations Savannah, substations S. W. Lightner New Orleans, substations do A. L. Brockway J. H. Robinson B. H. Bronson	Traveling expenses	34
	J. H. Robinson	do	31 17
	B. H. Bronson	Ctation comments	17
	W. S. Belden.	Drawage	7.
	I R Williams	do	1
	J. H. Robinson B. H. Bronson W. S. Belden H. C. Bate J. R. Williams F. P. Chaffee E. H. Emery I. M. Cline G. E. Grimes J. E. Harris A. G. Miley M. A. Webster	do	1 1 17
	E. H. Emery	Station expenses.	17
	I. M. Cline	do	8
	G. E. Grimes	do	1
	J. E. Harris	Services	16.
	A. G. Miley	do	10.
	M. A. Webster	Telephone garvines	15. 7.
	Northwestern Telephone and Telegraph Co	do de l'elephone services	9.
	Consolidated Telephone Co	do	5.
	Amarillo Telephone Co	do	9.
	Washington County Telephone Co	do	7. 13.
	The Colorado Telephone Co	do	13.
	A. B. Smith	Office rent	85.
	G. W. O'Brien	do	18.
	E. P. Jones	Flootrio light	25. 7.
	A. G. Miley. M. A. Webster. Southern Bell Telephone and Telegraph Co. Northwestern Telephone Exchange Co. Consolidated Telephone Co. Amarillo Telephone Co. Washington County Telephone Co. The Colorado Telephone Co. A. B. Smith. G. W. O'Brien. E. P. Jones. Morgan City Improvement Co. (Limited). Narragansett Pier Electric Light and Power Co.	do	11.
	Co.		
	Chicago Edison Co	do	16.
	The Seattle Electric Co	do	3.
	P. H. Cheney & Sons	do	4.
	Duluth General Electric Co	do	23.
	Charleveir Electric Light Plant	do	4.
	Co. Chicago Edison Co. The Seattle Electric Co. P. H. Cheney & Sons. Duluth General Electric Co. Alpena Electric Light Co. Charlevoix Electric Light Plant. Manistee Gas and Electric Co. New Orleans and Carrolton Railroad, Light, and Power Co.	do	7.
	New Orleans and Carrolton Railroad, Light.	do	4.
	and Power Co. The Atlantic Electric Light and Power Co. Houghton County Electric Light Co. The Commercial Electric Co. Mutual Light and Water Co. Stearns Lighting and Power Co. Benton Harbor and St. Joseph Electric Rwy.		
	The Atlantic Electric Light and Power Co	do	19.
	Houghton County Electric Light Co	do	4
	The Commercial Electric Co	do	5. 7.
	Mutual Light and Water Co	00	11.
	Benten Harbarand St. Joseph Floatria Pwy	do	12
	Nels Johnson	Ice	3.
	Nels Johnson. Jno. H. Cunningham.	do	6.
	The Consumers 1ce Co	00	5.
	Williamson Towel Supply Co	Washing towels	3.
			2.
	Fowler Manufacturing Co. (Limited)	Towel supply. Washing towels Printing climate and crop reports.	3.
	M. T. Hayden	Printing climate and cron reports	49.
	Summers Printing Co	Telegraph services	26.
	Paul De Graw	Subsistence, rent, etc	62.
31	Adams Express Co	Express charges	5.
-	James Jones J. J. Gray	Traveling expenses	17.
	7 7 0	Telephone services	2.

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. WEATHER BUREAU, GENERAL EXPENSES—Continued.

ate.	Name.	Nature of payment.	Total
	Supplemental—Continued.		
04.	* *	Quat's	
y 31	L. C. Cover	Station expenses	\$7. 10.
	N. B. Conger E. A. Brown H. B. Dick M. E. Blystone W. E. Bonnett W. S. Palmer A. J. Lewis	do Window curtains, etc Station expenses	6
	H B Dick	Station expenses	6. 5. 10.
	M E. Blystone	Washing towels Station expenses Services	10.
	W. E. Bonnett	Washing towels	3.
	W. S. Palmer	Station expenses	3. 7.
	A. J. Lewis	Services	10.
	Mary Wolff	do	15.
	Baltimore, substations	Pay roll	85
	Portland, substations	do	90 120
	Dubuque Telephone ('e	Tolonhone services	6
	Chesapeake and Potomac Telephone Co	do	31
	Chicago Telephone Co	do	6.
	Taylor National Bank.	Office rent	6. 118
	Vicente Gonzalez	do	40
	St. Louis and San Francisco R. R. Co	Passenger transportation	49
	Michigan Central R. R. Co	do	13.
	Duluta, South Shore and Atlantic Rwy. Co	do	14
	Arnold Transit Co.	do	5
	W. S. Falmer A. J. Lewis Mary Wolff Baltimore, substations Portland, substations Portland, substations Milwaukee, substations Dubuque Telephone Co Chesapeake and Potomae Telephone Co. Chicago Telephone Co Taylor National Bank Vicente Gonzalez St. Louis and San Francisco R. R. Co. Michigan Central R. R. Co Duluta, South Shore and Atlantic Rwy. Co. Arnold Transit Co New York and Cuba Mail S. S. Co. Louisville and Nashville R. R. Co. Great Northern Rwy. Co. Missouri Pacific Rwy. Co. Union Pacific R. R. Co. Chicago, Milwaukee and St. Paul Rwy. Co. Booth & Co. Morgan's Louisiana and Texas R. R. and S. S. Co. Northern Pacific Rwy. Co.	do	50 35
	Great Northern Rwy Co	do	29
	Missouri Pacific Rwy, Co	do	31
	Union Pacific R. R. Co.	do	31 34 7
	Chicago, Milwaukee and St. Paul Rwy. Co	do	7
	Booth & Co	do	35
	Morgan's Louisiana and Texas R. R. and S. S.	do	20
	Co. Northern Pacific Rwy. Co. Sunset Telephone and Telegraph Co. Ocean Tow Boat Line Lake Cities Electric Rwy. Co. The People's Gas Light and Coke Co. New Orleans Lighting Co. (Lessee) Needham Bros. Wm. McLaughlin J. P. Geary C. D. Page. W. T. Wilson Norwich University Wakefield Water Co. San Pedros, Los Angeles and Salt Lake R. R. Co.	a-	10
	Northern Pacific Rwy. Co	Day signs at also man h line	18
	Sunset Telephone and Telegraph Co	Repairing telegraph line	1
	Lake Cities Fleetrie Pry Co	Floatrie light	4 12
	The People's Gas Light and Coke Co	Gas hight	11
	New Orleans Lighting Co. (Lessee)	do	11
	Needham Bros	Washing towels	î
	Wm. McLaughlin	Drayage	5
	J. P. Geary	do	7
	C. D. Page	do	7
	W. T. Wilson	do	
	Norwich University	Electric nght and steam heat	21
	San Padroe I as Angalas and Salt I aka B. B.	water suppry	19 6
	Co.		U
	R. B. Smith	Cleaning river gauge	10
	Tilly & Hatton.	Ink	2
	A. J. Rawley	Erecting tower.	150
	E. C. Palmer & Co. (Limited)	Printing supplies	1
	William Senter & Co	Repairing self-register clock	1 3
	Dulin & Martin Co.	Water filter	5
	The Atlantic City Sevens of Co	Fruiting suppnes	3
	Co. R. B. Smith Tilly & Hatton. A. J. Rawley E. C. Palmer & Co. (Limited) William Senter & Co. Dulin & Martin Co. Barnhart Bros. & Spindler. The Atlantic City Sewerage Co. The Rotograph Co. Joseph Clinton. Edwards & Broughton. J. B. Lambie Co. (Incorporated). John Clarke. Arizona Publishing Co.	Ink Erecting tower Printing supplies Repairing seif-register clock Water filter Printing supplies Sewer rent Paper Cleaning carret and woodwork	10
	Joseph Clinton	Cleaning carnet and woodwork	2 2
	Edwards & Broughton	Cleaning carpet and woodwork Casting rollers.	2
	J. B. Lambie Co. (Incorporated)	Sheep shears, etc	1
	John Clarke	Sheep shears, etc. Telephone services. Printing climate and crop bulle-	3
	Arizona Publishing Co	Printing climate and crop bulle-	96
	, and the second	tins.	
	A. G. McAdie C. E. Johnson J. B. Marbury	Traveling expenses. Ferriage Drayage and repairing typewriter	1
	U. E. Johnson	Ferriage.	17
	J. D. Marbury	Drayage and repairing typewriter	17
	P. G. Allan	Drayage	4
	G M Channel	Dravage and oil	10 1
	H. P. Hardin	Oil and renairing clock	3
	E. C. Thompson	Ice, repairing instruments etc	31
	E. B. Richards.	Station expenses	7
	J. B. Marbury J. J. Gray J. J. Gray R. G. Allen G. M. Chappel H. P. Hardin E. C. Thompson E. B. Richards R. F. Young H. W. Grasse C. W. Schmid John Hyslop J. E. Cotter Alpena, substations Augusta, substations do Boston, substations	do	7 3
	H. W. Grasse	Drayage and repairing clock	3
	C. W. Schmid	Services	6
	John Hyslop	do	30 15
	J. E. Cotter	do	15
	Alpena, substations	Pay roll	70
	Augusta, substations	do	30
		(10)	136

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Tota
	Supplemental—Continued.		
1904. July 31	Supplemental—Continued. Chicago, substations. Cincinnati, substations Columbus, substations Fort Smith, substations Galveston, substations Knoxville, substations La Crosse, substations La Crosse, substations Little Rock, substations do Mobile, substations Montgomery, substations do New Orleans, substations do Omaha, substations Parkersburg, substations Parkersburg, substations Pittsburg, substations Portland, Oreg., substations St. Louis, substations St. Louis, substations St. Louis, substations St. Louis, substations Geo. F. Muth & Co Lamb & Tilden A. McC. Ashley J. W. Smith W. T. Lathrop	Borr well	049
ury or	Cincinnati, substations	do	\$43 19
	Columbus, substations.	do	25
	Fort Smith, substations	do	3
	Galveston, substations	do	25
	Knoxville, substations	do	12
	La Crosse, substations.	do	9 19 6
	Little Rock, substations	do	19
	Mobile substations	do	12
	Montgomery substations	do	13
	do	do	4
	Nashville, substations	do	9
	New Orleans, substations	do	111
	do	do	14
	000000000000000000000000000000000000000	do	14
	Omana, substations	do	23
	Pitteburg substations	do	5: 38
	Portland Oreg substations	do	15
	St. Louis, substations	do	17
	do	do	18
	Savannah, substations	do	6
	Shreveport, substations	do	4
ug. 5	Geo. F. Muth & Co.	Concentrated lye	1
	Lamb & Tilden	Rubber stamps	-
	A. McC. Ashley J. W. Smith. W. T. Lathrop W. M. Wilson H. B. Boyer Geo. Reeder R. M. Hardinge A. F. Simms O. L. Fassig. T. F. Townsend	do do	5
	W. T. Lathron	do	2
	W. M. Wilson	Dravage, etc.	
	H. B. Bover	do	
	Geo. Reeder	Subsistence.	2
	R. M. Hardinge	Drayage and washing towels	
	A. F. Simms	Station expenses	2
	O. L. Fassig. T. F. Townsend H. B. Hersey	do	
	H. P. Horger	Freight and express charges Drayage, etc	
	J. L. Cline.	Station expenses	
	D. C. Grunow	Drayage and mucilage	
	D. C. Grunow J. W. Cronk	Dravage and oil	
	E. A. Evans	Drayage and mucilage. Drayage and oil Drayage.	1
	L. C. Collins.	Services	20
	C. P. Searle.	do	30
	H. Hamilton	do	30
	N. W. Wagner	do	2:
	C. P. Dienov	do	2
	T E Speight	do	1-
	H. Rolle	Rent of roof	1
	Charles Baldwin.	Office rent	113
	Michigan State Telephone Co	Telephone services	13
	The Tyrell County Telephone Co	do	14
	Southern Bell Telephone and Telegraph Co	do	13
	Williston Telephone Exchange	do	
	Poppeylyania Telephone Co	do	1
	Consolidated Telephone Co	do	1
	Cumberland Telephone and Tolograph Co	do	2
	Rocky Mountain Bell Telephone Co	do	_
	do	do	3
	F. G. Blaisdell	do	10
	International Ocean Telegraph Co	do	16- 40
	Pacific States Telephone and Telegraph Co	do	40
	Knox Telephone and Telegraph Co		
	Pacific States Tolophone and Tolograph Co	do	
	J. L. Cline D. C. Grunow J. W. Cronk E. A. Evans L. C. Collins C. P. Searle H. Hamilton N. W. Wagner A. J. Tribble C. P. Disney T. E. Speight H. Rolle Charles Baldwin Michigan State Telephone Co. The Tyrell County Telephone Co. The Tyrell County Telephone Co. The Tyrell County Telephone Co. Williston Telephone Exchange Michigan State Telephone Co. Consolidated Telephone and Telegraph Co. Rocky Mountain Bell Telephone Co. Consolidated Telephone and Telegraph Co. Month Telephone and Telegraph Co. Consolidated Telephone and Telegraph Co. The G. Blaisdell International Ocean Telegraph Co. Winton Telegraph Co. Vinton Telegraph Co. Pacific States Telephone and Telegraph Co. United States Express Co. City of Lake Huron Village Electric Light Plant New London Gas and Electric Co. Fall River Electric Light Co. Board of public service, lighting department The Red Wing Gas and Electric Co. Frankfort Electric Light Co. Gloucester Electric Co. New Bedford Gas and Electric Co. Marble Head municipal light department Narragansett Electric Light Co. Rockingham County Light and Power Co.	Express charges	7
	City of Lake	Electric light	
	Huron Village Electric Light Plant	do	1
	New London Gas and Electric Co.	do	:
	Fall River Electric Light Co	do	10
	Board of public service, lighting department .	do	Š
	The Red Wing Gas and Electric Co.	do	1
	Frankfort Electric Light Co	do	12
	Vioucester Electric Co	00	14
	Marble Head municipal light department	do	15
	mar ble nead mumerparinght department	do	8
	Narragangott Electric Light Co		

## Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. WEATHER BUREAU, GENERAL EXPENSES-Continued.

Date.	Name.	Nature of payment.	Total
	Supplemental—Continued.		
1904.		Electric current	\$4
ug. 5	Fort Smith Light and Traction Co. A. J. Knight L. E. Scarr. F. L. Ewing Consumers Ice Co. G. L. Baum The Electric Storage Battery Co. F. A. Schmidt Pacific Transfer Co. H. C. Smith Remington Typewriter Co. The M. Lindsay Rubber Co. W. H. Butler Co. American Can Co.	do	8
	L. E. Scarr	do	1
	F. L. Ewing	Ice	2
	Consumers Ice Co	Danisia della dell	3
	G. L. Baum. The Fleetric Storege Rettory Co.	Repairing telegraph line Electrotype metal Milliographs	2
	F A Schmidt	Milliographs	10"
	Pacific Transfer Co.	Miniographs Drayage Repairing telegraph line Repairing typewriter Tubing Paint Cans Tools for repairing instruments Castings	14
	H. C. Smith	Repairing telegraph line	2
	Remington Typewriter Co	Repairing typewriter	21
	The M. Lindsay Rubber Co	Tubing	100
	American Can Co	Cans	21
			21 11
	Schneider Bros	Castings	
	Columbia Pump and Well Co	Oil Installing storm-warning lamps. Cable boxes. Oil, brooms, etc. Gas fixtures. Horse hire. Water sumby	5
	Board of public service, lighting department	Installing storm-warning lamps	2 16
	Wm. H. Dyer	Oil brooms ato	10
	John Rose & Co	Gas fixtures	63
	L. S. Woodhouse.	Horse hire.	63
	J. B. Lambie Co. (Incorporated). Schneider Bros. Columbia Pump and Well Co. Board of public service, lighting department. Wm. H. Dyer E. F. Sanguinette John Rose & Co. L. S. Woodhouse. H. J. Ledoux. M. I. Willis	Water supply	4
	M. L. Willis	Horse hire. Water supply. do Gasoline Repairing clock Ink Repairing telegraph line Cans Chamois skins.	4
	W. J. Bennett	Renairing clock	1
	C. E. Johnson & Co.	Ink	360
	Western Union Telegraph Co.	Repairing telegraph line.	8
	American Can Co.	Cans	21
	Geo. F. Muth & Co.	Chamois skins	23
	The Smith Premier Typewriter Co	Platen	3 67
	H. J. Ledoux M. L. Willis W. J. Bennett W. M. McConahay C. E. Johnson & Co. Western Union Telegraph Co. American Can Co. Geo. F. Muth & Co. The Smith Premier Typewriter Co. Woodward & Lothrop Kansas Farmer Co. J. W. Jordan & Co. Marine Journal Co. J. A. Roebling's Sons Co. The Smith Premier Typewriter Co. H. Bockman & Sons Coston Signal Co. (Incorporated) A. S. Pinney W. C. Duffield Remington Typewriter Co. Faneuil Watch Tool Co. Faneuil Watch Tool Co. Eimer & Amend The Maurice Joyce Engraving Co. Atlanta, substations Chattanooga, substations Chattanooga, substations Cleveland, substations Cleveland, substations Duluth, substations Des Moines, substations Des Moines, substations Houghton, substations Houghton, substations Kansas City, substations Memphis, substations Memphis, substations Memphis, substations Memphis, substations Port Huron, substations Portland, Oreg, substations Portland, Oreg, substations Raleigh, substations Portland, Oreg, substations San Francisco, substations San Francisco, substations Winnington, substations  Louisville, substations  Ando Wilmington, substations  Rabigh, substations  Portland, Oreg, substations  Rabigh, substations  Rabigh, substations  Ale Minington, substations  San Francisco, substations  Ando Wilmington, substations  J. B. Lambie Co. (Incorporated)  H. C. Bate  J. J. O'Domnell	Platen Soap, cots, mattresses, etc Printing climate and crop bulletins.	40
	J. W. Jordan & Co	Recasting rollers	2
	Marine Journal Co	Subscription	14
	J. A. Roebling's Sons Co	Wire	14 19
	The Smith Premier Typewriter Co	Repairing typewriter	22
	H. Bockman & Sons	Oil	33
	A S. Pinnov.	Painting rain gauge etc	33 3
	W. C. Duffield	Cleaning clock	1
	Remington Typewriter Co.	Repairing typewriter	1 16 3
	Faneuil Watch Tool Co	Index plate	3
	Eimer & Amend.	Barometer tule	7
	Atlanta substations	Photo-engraving plates	13 21
	Cairo, substations	do	154
	Chattanooga, substations.	do	139
	Chicago, substations	do	23 170
	Cleveland, substations	do	170
	Des Moines, substations	00	236
	Galveston, substations	do	91 410
	Houghton, substations	do	410
	Kansas City, substations	do	307
	Louisville, substations	do	291
	Memphis, substations	do	182
	Minnagnolie substations	do	51 336
	Mobile, substations	do	79
	Omaha, substations.	do	72 45
	Philadelphia, substations	do	45
	Port Huron, substations	do	162
	Ralaigh substations	do	295 120
	Richmond, substations	do	120
	San Francisco, substations.	do.	87
	Sault Ste. Marie, substations	do	87 82
	Sioux City, substatio is	do	114
	Vicksburg, substations	do	85
	Wilmington substations	do	89 106
	do	do	72
	Louisville, substations	do	66
	San Francisco, substations	do	10
11	J. B. Lambie Co. (Incorporated)	Lock clocks	2
		Travaling aynaneae	2

## WEATHER BUREAU, GENERAL EXPENSES—Continued.

Date.	Name.	Nature of payment.	Total
	Supplemental—Continued.		
1904		-	
ıg. 11	G. W. Felger J. Warren Smith	Drayage	\$1
		Station expenses	93
	Michigan State Telephone Co	Telephone service	18
	Edison Sault Electric Co	Electric light	18. 16.
	Detroit and Mackinac Rwy. Co.	Passenger transportation	6
	New England Telephone and Telegraph Co	Telephone service.	2 14
	M. F. Sheddell Michigan State Telephone Co. Edison Sault Electric Co. Detroit and Mackinac Rwy. Co. New England Telephone and Telegraph Co. Minneapolis, St. Paul and Sault Ste. Marie	Office rent. Telephone service Electric light Passenger transportation Telephone service. Telegraph services	14
	Rwy. Co. Phillips, Smyth & Van Orden	Printing climate and crop bulle-	135
	Board of public works	Wotom garmalar	3
	Marais Lumber Co. O'Callaghan, Nelson & Co. G. W. Fairbanks J. P. Geary. H. C. Beeson. E. Morrison Paper Co. F. E. Hartwell	Water Supply Electric light Freight charges River gauge Constructing ground wire. Marine Directory Paper Traveling expenses	12
	O'Callaghan, Nelson & Co	Freight charges	1
	G. W. Fairbanks.	River gauge	11
	J. P. Geary	Constructing ground wire	30
	H. C. Beeson	Marine Directory	25
	E. Morrison Paper Co.	Traveling expenses	12 19
	F. D. Emigh	do do	11
	W. A. Mitchell	Dravage	3
	R. H. Dean	Station expenses	4
	A. L. Brockway	Subsistence.	2
	J. H. Smith	Station expenses	4
	H. McP. Baldwin	Express charges	3
	G. T. Todd	Drayage	4
	D. Cuthbertson	Station expenses	37
	Central District and Printing Telegraph Co	Talagraph carvious	128
	do	do	18
	Western Union Telegraph Co	do	17 210
	do	do	210
	The Pennsylvania R. R. Co	Passenger transportation	112
	C. N. Millhollin & Son.	Ice	
	Dennison Manufacturing Co	Tags	19
	Union Envelope Co.	Envelopes	26
	Epernard Faper	Turpontine	55
	Galveston substations	Pov roll	28 30
	Oklahoma, substations	dodo	146
	N. D. Lane	Dravage and repairing clock	3 12
	P. Connor	Station expenses	12
	E. Morrison Paper Co. F. E. Hartwell E. D. Emigh W. A. Mitchell R. H. Dean A. L. Brockway J. H. Smith H. McP. Baldwin G. T. Todd D. Cuthbertson Cumberland Telephone and Telegraph Co. do. Western Union Telegraph Co. do. Western Union Telegraph Co. Dennison Manufacturing Co. Union Envelope Co. Eberhard Faber Francis Miller Galveston, substations Oklahoma, substations N. D. Lane P. Connor H. Legler E. C. Hobbs Peter Wood	Lamp chimneys and washing towels.	1
	E. C. Hobbs Peter Wood	Washing towels, etc	7
	Peter Wood	Glass and drayage	2
	C. M. Strong	Station expenses	18
	Peter Wood. C. M. Strong. W. E. Oliver. J. N. Ryker Tucker Telephone and Telegraph Co. New England Telephone and Telegraph Co. Creat Newthwestern Telegraph Co. of Conada.	Drayage	4
	Tuelzar Telephone and Telegraph Co	Telephone services	15
	New England Telephone and Telegraph Co	do	1
	Great Northwestern Telegraph Co. of Canada.	Telegraph services	52
	do	Station expenses Drayage Electric current Telephone services do Telegraph services	12
	Postal Telegraph Cable Co. of Texas	Traveling expenses Articles, river and flood service.	122
	Frank Montgomery	Traveling expenses	14 14
	T F Turton	Locks	14
18	C. F. Schneider	Drayage and express charges	11
10	R. B. Harkness	Station expenses	11
	do Postal Telegraph Cable Co. of Texas. Frank Montgomery Delano & Moore J. E. Turton. C. F. Schneider R. B. Harkness. James H. Scarr.	Station expenses  Post-route map of California and Nevada.	8
	E. W. McGann G. E. Franklin	Station expenses	26
	G. E. Franklin	do	18
	A. G. McAdie	do	10
	Abe Wiesner	Drayage	1
	R. J. Hyatt	Station expenses	2
	The Tayes and Pacific Rwy	Passenger transportation	30
	Pennsylvania Co	dodo	11
	Grand Trunk Rwy, System	do	23
	Lehigh Valley R. R. Co	do	16
	G. E. Franklin A. G. McAdie Abe Wiesner R. J. Hyatt T. J. Considine The Texas and Pacific Rwy Pennsylvania Co Grand Trunk Rwy. System Lehigh Valley R. R. Co Pittsburg, Cincinnati. Chicago and St. Louis Rwy. Co.	do	16
	Rwy. Co. The Kansas City Southern Rwy. Co. Meteorological Council. A. F. Jones Thompson & Dunlop. The Maurice Joyce Engraving Co. Queen & Co. (Incorporated).	do	17
	Meteorological Council	Compiling telegrams	11
	A. F. Jones	Mail racks	20
	Thompson & Dunlop	Constructing cement walks	281 4
		Photo ongressing plates	

WEATHER	BUREAU,	GENERAL	EXPENSES-Continued.
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Date.	, Name.	Nature of payment.	Total.
1904.	Supplemental—Continued.		
ug. 18	American Type Founders Co. Northern Pacific Rwy. Co. The Wabash R. R. Co. Chicago and Northwestern Rwy. Co. The Great Northwestern Telegraph Co. of	Type	\$4.
	Northern Pacific Rwy. Co	Passenger transportation	84.
	The Wabash R. R. Co.	do	14. 107.
	Chicago and Northwestern Rwy. Co	Tolograph sarvioss	107. 52.
	Canada.	Telegraph services	02.
	The Atchison Topeka and Santa Fe R. R. Co.	Passenger transportation	73.
	Snickersville Telephone Co	Telephone services	5.
	Galveston, Houston and Northern Rwy. Co.	Passenger transportation	8. 28. 20.
	Northern Pacific Rwy. Co	Station expenses	28.
	Chicago Rock Island and Pacific Rwy Co	Freight charges	12.
	do	do	4.
	Grand Rapids and Indiana Rwy. Co	do	4. 2.
	Boston and Albany R. R.	do	2.
	Fort Worth and Danver City Rwy Co	do	1. 4.
	Pennsylvania R. R. Co.	do	13.
20	E. J. Ğlass	Drayage	1.
	A. McC. Ashley	Subsistence and express charges .	24.
	The American Syren and Shipping Illustrated.	Subscription	140. 45.
24	Postal Telegraph Cable Co	Telegraph services	638
	do	do.	638. 223. 3.
	Burlington Route, Missouri Lines	Freight charges	3.
	do	do	2.
	do.	do	2.
	Atlantic Coast Line R. R. Co.	do	9
	do	do	1.
	do	do	3.
	Crond Davids and Indiana Daws Co	do	1.
	do	do	1.
	do	do	
	Chicago, Burlington and Quincy Rwy. Co	do	
	Wohish D. D. Ca	do	2.
	do	do	1. 2.
	The Great Northwestern Telegraph Co. of Canada. The Atchison Topeka and Santa Fe R. R. Co. Snickersville Telephone Co. Galveston, Houston and Northern Rwy. Co. Northern Pacific Rwy. Co. E. H. Emery. Chicago, Rock Island and Pacific Rwy. Codo. Grand Rapids and Indiana Rwy. CoBoston and Albany R. R. C. H. Mallory & Co. Fort Worth and Denver City Rwy. Co. Fensylvania R. R. Co. E. J. Glass. A. McC. Ashley. The American Syrenand Shipping Illustrated. Rocky Mountain Bell Telephone Co. Postal Telegraph Cable Co. do. Burlington Route, Missouri Lines. do. do. do. do. do. do. do. do. do. do	do.	2.
	do	do	
	The Oregon Short Line R R Co	do	23.
	do.	do	2.
	Washington Southern Rwy	do	-
	Charles White	do	1.
	do	do	8.
	Chicago Milwaukee and St. Paul Rwy. Co	do	8.
	do	do	5.
	Dulyth Couth Cham and Atlantic Down Co	do	2.
	do	do	13.
	dodododododododo.	do	13.
	do	do	2.
	Missouri, Kansas and Texas Rwy. Co	do	6.
	The Atchison, Topeka and Santa Fe Rwy Co	do	2. 67.
	Southern Rwy Co.	do	1.
	Missouri Pacific Rwy. Co	do	1.
	Reltimore and Ohio P. P. Co	do	3.
	Norfolk and Southern B. R. Co	do	20.
	Virginia and Truckee R. R. Co	do	
	Star Union Line	do	1.
	Lake Frie and Western P. P. Co	do	1.
	Texas and Pacific Rwy. Co.	do	4.
	Banks North Carolina Linedo do Missouri, Kansas and Texas Rwy. Co Union Pacific R. R. Co. The Atchison, Topeka and Santa Fe Rwy. Co. Southern Rwy. Co. Missouri Pacific Rwy. Co. Missouri Pacific Rwy. Co. The Denver and Rio Grande R. R. Co Baltimore and Ohio R. R. Co Norfolk and Southern R. R. Co. Virginia and Truckee R. R. Co. Star Union Line. Grand Trunk Rwy. of Canada Lake Erie and Western R. R. Co. Texas and Pacific Rwy. Co. Pere Marquette R. R. Co. New York, New Haven and Hartford R. R. Co.	dodododo	41.
	Co.	1	
	The Hocking Valley Rwy Co	do	11.
	The Pacific and Idaho Northern R. R. Co.	do	3.
	Town of New Shoreham	. do	6.
	LOWE OF THEW DISCHAIM		
	The Hocking Valley Rwy. Co The Hocking Valley Rwy. Co The Pacific and Idaho Northern R. R. Co Town of New Shoreham G. K. Rollinson, master, schooner Maggie E. Davis.	do	5.

 $Expenditures\ of\ the\ Department\ of\ Agriculture\ for\ fiscal\ year\ ending\ June\ 30,\ 1904-{\rm Cont'd}.$ 

Date.	Name.	Nature of payment.	Total
	Supplemental—Continued.		
1904. ug. 24	Munsing Rwy. Co. International and Great Northern R. R. Co. Delaware and Hudson Co. Albany and Northern Rwy. Co. Atlantic and North Carolina R. R. Co. Boulton, Bliss & Dallett. O'Callaghan, Nelson & Co. The Pullman Co. W. R. Morton. do.	Freight charges	\$11.
45. 21	International and Great Northern R. R. Co	do	5.
	Delaware and Hudson Co.	do	3,
	Atlantic and North Caroline R. P. Co.	do	1.
	Boulton, Bliss & Dallett	do	
	O'Callaghan, Nelson & Co	do	2.
	The Pullman Co	Sleeping-car berth	18
	w. R. Mortondo	do	2
	do	do	~
	do	do	1
	Wm. J. Crawford	do	2 2
	James Hayden	do	1
	St. Louis Transfer Co	do	j
31	Estate of Levi Johnson, deceased	Services	6
	Swayze Bailey & Co	Station expenses	16 23
	Henry Cleveland.	Grading and sodding lawn	545
	T. F. Drake	Subsistence	4
nt =	Western Union Telegraph Co	Telegraph services	15,00
pt. 5	do do do do do Vm. J. Crawford do James Hayden St. Louis Transfer Co Estate of Levi Johnson, deceased E. C. Vose Swayze, Bailey & Co. Henry Cleveland T. F. Drake Western Union Telegraph Co. Burlington and Missouri River R. R. in Nebrasks.	r reight enarges	E
	do	do	22
	do	do	17
	do	do	14
	Southern Rwy. Co.	do	28 28
	do	do	1
	do	do	1
	do. Cleveland, Cincinnati, Chicago and St. Louis	do	4
	do	do	8
	Missouri Kansas and Toyos Pwy Co	do	1
	do	do	
	do., do., Missouri, Kansas and Texas Rwy. Co., do., Illinois Central R. R. Co., do.,	do	2
	dodo	do	2
	do	do	
	do. Washington Southern Rwydo. Missouri Pacific Rwy. Co.	do	
	do	do	28
	do	do	20
	do	do	13
	do	do	1
	Chicago, Burlington and Quincy Rwy. Co	do	40
	Chicago, Milwaukee and St. Paul Rwy, Co.	do	5
	do. do. Chicago, Burlington and Quincy Rwy. Co Pennsylvania R. R. Co. Chicago, Milwaukee and St. Paul Rwy. Co Star Union Line. Chicago. Rock Island and Pacific Rwy. Co. Louisville and Nashville R. R. Co Lunion Pacific R. R. Co.	do	3
	Chicago, Rock Island and Pacific Rwy. Co	do	1 10
	Louisville and Nashville R R Co	do	5
	Union Pacific R. R. Co	do	1
	Grand Rapids and Indiana Rwy. Co	do	-
	The Denver and Rio Grande R. R. Co	do	20 2
	Chesaneake and Ohio Rwy. Co.	do	
	Central of Georgia Rwy. Co	do	1
	Vicksburg, Shreveport and Pacific Rwy	do	1
	The Oregon Short Line R R Co	do	4
	Louisville and Nashville R. R. Co. Union Pacific R. R. Co. Grand Rapids and Indiana Rwy. Co. The Denver and Rio Grande R. R. Co. Lake Shore and Michigan Southern Rwy. Co. Chesapeake and Ohio Rwy. Co. Central of Georgia Rwy. Co. Vicksburg, Shreveport and Pacific Rwy. Virginia and Truckee R. R. Co. The Oregon Short Line R. R. Co. Texas and New Orleans R. R. Co. Northern Michigan Transportation Co.	do	2
	Northern Michigan Transportation Co Delaware, Lackawanna and Western R. R. Co	do	
	Delaware, Lackawanna and Western R. R. Co	do	. 9
	San Padro Los Angeles and Salt Lake P. P.	do	2 2
	Pierre Marquette R. R. Co.	do	
	Pierre Marquette R. R. Co Washington Southern Rwy. Co Burlington Route, Missouri Lines	do	
	Burlington Route, Missouri Lines	do	3
	Central Vermont RWV Co		
	Seaboard Air Line Rwy. Peninsular and Occidental Steamship Co West Virginia Central and Pittsburg Rwy.	do	8
			1

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. WEATHER BUREAU, GENERAL EXPENSES-Continued.

Date.	Name.	Nature of payment.	Total.
	Supplemental—Continued.		
1904. Sept. 5	New York Central and Hudson River R. R.	Freight charges	\$1.7
	New York Central and Hudson River R. R. Co. John C. Davis. Littlefield, Alvord & Codododododododo	do	2.3
	Littlefield, Alvord & Codo.	Drayagedo	23. 1 30. 8
	Aug. Palmquist,	Construction of river gauge Traveling expenses	11.0 36.2
10	Chicago, Rock Island and Pacific Rwy. Co	Passenger transportation	41.7 3.8
	The Baltimore and Ohio R. R. Co.		4.3
	Louisville and Nashville R. R. Co	do	5.5 31.5 17.6
	Chicago, Burlington and Quincy R. R. Co	do	1.8
	New York Telephone Co	Telephone services	11.3 2.0
	J. C. Goodfellow	Fuel.	3.6 5.0
	Western Union Telegraph Co.	Rent of telegraph poles.	10.4
	Cumberland Telphone and Telegraph Co	Telephone services	126.6 54.1
	Amarillo Water, Light and Power Co T. E. Treemole	Electric light. Erecting river gauge	15. 5 12. 0
	Norman Upp.	Repairing storm warning apparatus.	.7
	Rocky Mountain Bell Telephone Co New York Laundry Works. W. A. R. Rawle. W. T. Gibson M. A. Harvey.	Telephone services	10.5 3.0
	W. A. R. Rawle	Towel supply Postage, etc. Erecting instrument shelter. Renovating office rooms.	2.5
	M. A. Harvey	Renovating office rooms	10.0
	J. Edward Truton	Water supply	14.4 618.0
	Chicago, Burlington and Quincy Rwy. Co The Oxley-Enos Co	Passenger transportation Electric light and gas fixtures	12.9 325.0
	J. Williams	Installing anemometer	13. 5 3. 7
	Sucesores de J. B. Vicini	Office rent	360.0
	E. Rathburn	Constructing floors	10.2 673.9
	Joseph Haven	Care of property.	6.6 9.7
16	M. A. Robinson. Missouri, Kansas and Texas Rwy, Co	Subsistence	28.0 37.3
	Illinois Central R. R. Co	do	18.0 88.2
	M. A. Robinson	Subsistence	20.0 98.0
21	Baltimore and Ohio R. R. Co.	Freight charges.	73.6 9.2
	Baltimore and Ohio R. R. Co	• do	9. 2 29. 5
	Pennsyivania R. R. Cododo	do	11.0 7.5
	Southern Rwy. Codo	do	9.4 7.1
	Chicago and Alton Rwy Co	do	1.1
	W. T. Gibson M. A. Harvey. The water department of Atlantic City. J. Edward Truton Chicago, Burlington and Quincy Rwy. Co. The Oxley-Enos Co. J. Williams. The Edison Electric Co. Sucesores de J. B. Vicini H. Brooker & Co. E. Rathburn. Chas. R. Dewing Joseph Haven. M. A. Robinson. Missouri, Kansas and Texas Rwy. Co. Illinois Central R. R. Co. The Baltimore and Ohio R. R. Co. M. A. Robinson. Roslyn Coal and Coke Co. Baltimore and Ohio R. R. Co. Baltimore and Ohio R. R. Co. Baltimore and Ohio R. R. Co. Saltimore and Ohio Southwestern. Baltimore and Ohio Southwestern. Baltimore and Ohio R. R. Co. do. do. do. do. Chicago and Alton Rwy. Co. do.	do	. 8
	Co.	do	. 9
	Atlantic Coast Line R. R. Co	do	.6
	do. Atlantic Coast Line R. R. Co. do. Northern Pacific Rwy. Co.	do	1.0 2.1
	do	do	3.1.
	Great Northern Pwy Co	do	.7 .2 16.7
	do.  do.  Illinois Central R. R. Co.  do.  Great Northern Rwy. Co. Chesapeake and Ohio Rwy. Co. Cleveland, Cincinnati, Chicago and St. Louis	do do	5. 8: 4. 1:
	Rwy. Co. Chicago and Northwestern Rwy. Co	do	11.5
	The Denver and Rio Grande R. R. Co	do	2.6 13.7
	Chicago and Northwestern Rwy. Co Chicago, Burlington and Quincy Rwy. Co The Denver and Rio Grande R. R. Co. Chicago, Rock Island and Pacific Rwy. Co Minneapolis, St. Paul and Sault Ste. Marie	dodo	1.5 1.3
	Rwy. Co. Washington Southern Rwy. Pacific Coast Steamship Co.		.9:

#### WEATHER BUREAU, GENERAL EXPENSES-Continued.

Date.	Name.	Nature of payment.	Total.
	Supplemental—Continued.		
1904.			
pt. 21	Norfolk and Western Rwy	Freight charges	\$0.
	Steamer W. C. Bradley	do	8.
	James Hayden	Drayage	2.
	C. H. Mallory & Co	Freight charges	1.
	M. G. Copeland Co.		4.
	Chas. W. Harris	Flags. Painting roof, etc.	109.
	Postal Telegraph-Cable Co.	Telegraph services	77. 612.
	The Cleveland, Cincinnat, Chicago and St.	Passenger transportation	8.
	Louis Rwy. Co.	assenger transportation	0.
	Northern Pacific Rwy. Co	do	5.
	Chicago and Great Western Rwy. Co	do	4.
	John Hefferman	Ice	6.
	J. J. O'Donnell.	Traveling expenses	26.
	Philadelphia, Reading and Pottsville Tele-	Telegraph services	
	graph Co.		
	The Marine Review Publishing Co	Subscription	84
	J. P. Starkweather	Constructing river gauge	12
	Chicago, Rock Island and Pacific Rwy. Co	Telegraph services	10
	United States Express Co.	Express charges	37
	New Orleans and Northeastern R. R. Co	Passenger transportation	5
	Peter Gray & Sons.	Thumb screws	3
	Justinian Caire Co	Sheet lead, etc	1 500
30	A. J. Hevl	Repairing building, Yuma, Ariz.	1,500 $100$
30	do	Laying floors in building	174
	Sussfeld Lorsh & Co	Telethermographs	685
	Hoke Engraving Plate Co	Recoating base plates	287
	do.	do	287
	do.		29
	The Western Union Telegraph Co	Rent of loop	90
	J. T. Harper	Telegraph services	11
	Union Carbide Co	Calcium carbide	18
	Hoke Engraving Plate Co	Recoating base plates	25
	Western Union Telegraph Co	Telegraph services	2
	International Ocean Telegraph Co	do	72.
	Delaware and Hudson Co.	Freight charges	1.
	Western Union Telegraph Co	Telegraph services	14, 563
	Total.		93,531.

First quarter Second quarter Third quarter Fourth quarter Supplemental	91,819.22 138,130.75 101,365.46
Total	458, 589. 21

#### WEATHER BUREAU, GENERAL EXPENSES, SALARIES.

Date.	Name.	Nature of payment.	Total.
1903.			
July 20	A. Bronson	Salary	\$6.0
31	N. B. Conger et al		561.1
	A. F. Sims et al	do	237.6
	F. H. Duff et al		141.3
	J. B. Marbury et al		424. (
	E. W. McGann et al		298.
	R. M. Geddings et al.		171. 160.
	D. Fisher et al.		496.
	O. L. Fassig et al. W. E. Donaldson et al.		170.
	W. A. Mitchell, et al		146.
	B. H. Bronson et al.		251.
	S. M. Blandford et al.		251.
	J. W. Smith et al.		689.
	D. Cuthbertson et al.		493.
	P. H. Smyth et al.		220.
	C. P. Cronk et al.	do	160.
	J. H. Smith et al		193.
	L. N. Jesunofsky et al	do	237.

oate.	Name. Nature of payment.	Total
903.		
ly 31	G. R. Oberholzer et al Salary L. M. Pindell et al do H. J. Cox et al do	\$141 224
	H. I. Cox et al. do	970
	H. J. Cox et al.   do	456
	J. Kenealy et al. do. do.	416 222
	A. E. Hackett et al	222
	J. W. Bauer et al	252
	F. Jermin et al	547 141 210
	J. M. Sherier et al. do.	210
	F. H. Brandenburg et aldodo	635 422 160
	G. M. Chappel et al	422
	U. Parker et al	211
	H. W. Richardson et al   do     do	311 131 220 131
	T. J. Considine et al	220
	G. B. Wurtz et al	131
	J. L. Cline et al	149
	Coo Reeder et al	161 210
	L. H. Murdoch et al.	385
	C. F. Schneider et al	385 328
	C. F. Schneider et al.   do	131 202
	L. E. Cover et al	202
	E. R. Demain et al	200
	M. W. Hayes et al do  R. B. Harkness et al do	134 240
	R. B. Harkness et aldo	131
	S. W. Glenn et al. do W. T. Blythe et al. do G. G. Allen et al. do	342 477 343
	W. T. Blytne et al	2/12
	A. J. Mitchell et al. do	363
	A. J. Mitchell et al do R. L. Anderson et al do W. U. Simons et al do W. M. Fulton et al do do W. M. Fulton et al do	363
	W. U. Simons et al	202 247
	W. M. Fulton et al	247
	R. H. Doon of al	131 126 411
	R. Q. Grant.et al do	411
		422
	G. E. Franklin et al	257
	E. B. Richards et al. do do H. B. Hersey et al. do do J. R. Weeks et al. do	574 151
	J. R. Weeks et al. do	131
	H. R. Patrick et al. do.	141
	T. S. Outram et al	141 481 586
	W. M. Wilson et al	586
	I. A Denson et al	141
	J. R. Weeks et al   do	338 141 171
	F. P. Chaffee et al. do G. E. Grimes et al. do H. C. Bate et al. do L. M. Tarr et al. do	353 124 515
	G. E. Grimes et aldodo.	124
	H. U. Bate et al	251
	I. M. Cline et al.	645
	I. M. Cline et al.       do         E. H. Emery et al.       do         J. J. Gray et al.       do	645 673 335
	J. J. Gray et al   do	335
	W. A, Snaw et al	126
	C. M. Strong et al.	328
	J. G. Linsley et al	311 328 151
	B. Bunnemeyer et aldo	141 240
	E. U. Vose et aldodo	240 699
	M. E. Blystone et al	210
	Geo. Hass Hagen et aldo.	141 408
	F. Ridgway et aldodo	408
	E. A. Brown et al	141
	E. r. Jones et al	224
	J. P. Slaughter et al do	702 171
	E. A. Brown et al	365
	E. A. Evans et al	448 240 220
	L. M. Dey et al	240
	A. Bueii et al	220
		131 141
	F. A. Carpenter et al. do E. H. Bowie et al. do	141 522
	W. E. Oliver et al do H. C. Cook et al do R. M. Hardinge et al do	185
	H C Cook et al	121

Date.	Name.	Nature of payment.	Total
1903.			
ly 31	A. G. McAdie et al.  R. J. Hyatt et al.  E. H. Nimmo et al.  H. B. Boyer et al.  A. G. Burns et al.  F. H. Clarke et al.  J. W. Cronk et al.  U. G. Purssell et al.  U. G. Purssell et al.  Wm. G. Burns et al.  Wm. G. Burns et al.	alary	\$801 336 131
	R. J. Hyatt et al	do	336
	E. H. Nimmo et al.	do	131
	H. B. Boyer et al.	do	240 170 187
	A. G. Burns et al		170
	I W Cronk at al	do	187 131 338 139 180 347
	G N Salisbury et al	do	338
	U. G. Purssell et al.	do	139
	Chas. Stewart et al.	do	180
	Wm. G. Burns et al J. S. Hazen et al A. McC. Ashley et al E. C. Hobbs et al	do	347
	J. S. Hazen et al.	do	141 240 161
	A. McC. Ashley et al.	do	240
	E. C. Hobbs et al.	do	161
	F. R. Beanan et al.	do	171 232 251
	L. H. Daingerneid et al		232
	T B Toppings et al.	do	201
	W S Rolden et el	do	240 298
	G T Todd et al	do	130
	E. C. Hobbs et al. F. R. Beahan et al. L. H. Daingerfield et al. W. S. Currier et al. T. B. Jennings et al. W. S. Belden et al. G. T. Todd et al. G. W. Felger et al. P. Wood.	do	139 171
	P. Wood	do	101
	P. Wood G. W. Eddey W. C. McGuiness J. J. O'Donnell	do	101 84 84
	W. C. McGuiness	do	84
	J. J. O'Donnell	do	84
			70
			101
	G. L. Lovett	do	23
	W. L. Day G. L. Lovett M. B. Stubbs J. N. Ryker J. W. Byram W. T. Lathrop A. Drinkwater E. D. Emigh C. E. Johnson A. Ashenberger J. M. Paris F. W. Brist N. D. Lane A. H. Bell D. V. Burney R. H. Sullivan W. C. Devereaux C. W. Ling C. C. Garrett H. P. Hardin H. B. Dick F. Z. Gosewisch C. H. Richardson J. J. Dosher G. W. Scott H. F. Albe		28 70 101 101 84
	T W Pyrom		101
	W T Lathron	do	8/
	A. Drinkwater	do	50
	E. D. Emigh	do	84
	C. E. Johnson	- do	50 84 60
	A. Ashenberger.	do	101
	J. M. Paris	do	28
	F. W. Brist	do	48 101
	N. D. Lane	do	101
	A. H. Bell	do	101
	D. V. Burney	do	101
	R. H. SUMVAN		101 84
	C W Line	do	8/
	C. C. Garrett	do	84 70 84
	H. P. Hardin	do	8/
	H. B. Dick	do	84
	F. Z. Gosewisch	do	101
	C. H. Richardson	do	101 84 60
	J. J. Dosher.	do	60
	G. W. Scott	do	101
	H. F. Alps	do	84
	M V Honor	do	101 84 70 13
	H W Greece	do	8/
	J. J. Dosher G. W. Scott H. F. Alps R. L. Miller M. V. Hanaw H. W. Grasse H. Legler J. H. Kimball A. W. Kennie M. F. Conway	do	70
	J. H. Kimball	do	84 70 70
	A. W. Kennie	do	4);
	M. E. Conway	do	70 84 101
	J. J. Kelliher	do	84
	J. C. Piercy	do	101
	P. McDonough	do	101
	D. C. Grunow		84 126
	W. W. Thomas	do	76
	Chae Adia	do	70 70 84 101
	P. De Graw	do	84
	W. D. Maxwell	.do	101
	M. Connell	do	101
	Thos. Gibson	do	84
	A. W. Kennie M. E. Conway J. J. Kelliher J. C. Piercy P. McDonough D. C. Grunow A. H. Thiessen W. W. Thomas Chas. Adie P. De Graw W. D. Maxwell M. Connell Thos. Gibson B. C. Kadel E. C. Thompson W. H. Alexander	do	101 84 70
	E. C. Thompson	do	126
	W. H. Alexander J. Lopez J. R. Williams W. C. Nielson	do	101
	J. Lopez	do	40 101
	J. R. Williams	do	101
	W. C. Nielson		16
	Staniev Boykin	(10)	70 101
	L. Dorman N. R. Taylor	do	101

	Name.	Nature of payment.	Total.
1903.			
ily 31	A. E. Heath	Salary	\$60.
	H. McP. Baldwin	do	84.
	F. Newman E. J. Glass J. C. Hayden	do	101.
	J. C. Hayden	do	101. 84.
	J. I. Widmeyer O. W. Roberts L. S. Parrott W. S. Palmer et al. V. F. Harvey	do	101
	O. W. Roberts	do	101.
	L. S. Parrott	do	101. 60. 233.
	W. S. Palmer et al.	do	233.
	V. F. Harvey	do	8. 19.
	V. F. Harvey E. H. Hughes O. C. McCardwell E. L. Reno. J. P. Bolton	. do.	24.
g. 6	E. L. Reno	do	25
12	J. P. Bolton	do	101
15	J. Paden H. P. Bray	do	101 19 13
	D. J. Herndon	do	13
	C. B. Cooper	do	22 27 12 17
	B. M. Jacobs	do	12
24	B. M. Jacobs V. O. Westervelt C. B. Cooper	do	17
	C. B. Cooper	do	3
	C. C. Cooper	do	6
	C. C. Cooper J. B. Anderson S. Hackett	do	1 60
31			237
91	F H Duff et al	do	141
	A. F. Sinis et al. F. H. Duff et al. R. M. Geddings et al. J. B. Marbury et al. E. W. McGann et al.	do	171
	J. B. Marbury et al.	do	424
	E. W. McGann et al	do	298
	D. Fisher et al. O. L. Fassig et al. W. A. Mitchell et al.	do	160 496 161
	O. L. Fassig et al.	do	496
	W. A. Mitchell et al.	0D	251
	B. H. Bronson et al. S. M. Blandford et al. J. W. Smith et al. D. Cuthbertson et al.	do	251
	J. W. Smith et al	do	689
	D. Cuthbertson et al.	do	493
			220
	A. J. Davis et al.	do	205 193
	A. J. Davis et al J. H. Smith et al G. R. Oberholzer et al	00	193
			237
	L. M. Pindell et al	do	224
	W. S. Palmer et al.	do	227
	L. M. Pindell et al. W. S. Palmer et al. H. J. Cox et al.	do	970
	S. S. Bassler et al.	do	456
	J. Kenealy et al. J. W. Bauer et al. J. Warren Smith et al.	00	446 252
	J. Warren Smith et al	do	. 547
	A. F. Hackell et al.	(10	222
	F. Jermin et al. J. M. Sherier et al.	do	131 210
	J. M. Sherier et al.	do	210
	G. M. Chapel et al	do	425
	N. B. Conger et al.	do	. 56.
	N. D. Conger et al.  D. Parker et al.  H. W. Richardson et al.  D. C. Murphy et al.  A. Ashenberger et al.  T. J. Considine et al.  G. B. Wurtz et al.	do	561 160 311
	D. C. Murphy et al.	do	131
	A. Ashenberger et al	do	141
	T. J. Considine et al.	do	234
	G. B. Wurtz et al.	do	131
			149
	T. S. Collins et al. Geo. Reeder et al. L. H. Murdoch et al.	do	210
	L. H. Murdoch et al.	do	161 210 486
	C. F. Schneider et al.	do	328
	F. W. Conrad et al.	do	131 206
	C. F. Schneider et al. F. W. Conrad et al. L. C. Cover et al. E. R. Demain et al. S. I. Desbess et al.	do	206 200
	S. I. Dosher et al	dodo.	124
	M. W. Haves et al.	do	134 240
	S. L. Dosher et al. M. W. Hayes et al. R. B. Harkness et al. S. W. Glenn et al. W. T. Blythe et al. R. G. Allen et al. A. J. Mitchell et al. P. Company et al.	do	131
	S. W. Glenn et al	do	240
	W. T. Blythe et al.	do	458
	R. G. Allen et al.	do	458 343 363
	A. J. Mitchell et al.	do	363
	A. J. Mitchell et al. P. Connor et al. W. U. Simons et al. W. M. Fulton et al. R. Q. Grant et al. G. A. Loveland et al.	00	363
	W. M. Fulton et al	do	161 247 131
	The state of the s		241

Date.	Name. Nature	of payment.	Total
1903.			
ig. 31	E. B. Richards et al Salary		\$422 257 574 151
Ü	G. E. Franklin et al		257
	H. B. Hersey et aldodo.		574
	G. N. Wilson et aldodo.		151
	J. R. Weeks et aldodo		131
	H. R. Patrick et al		141 338 141
	I. A. Dongon et al		141
	W M Wilson et al do		515
	T. S. Outrain et al.		515 481 171
	W. M. Dudlev et al		171
	F. P. Chaffee et al		353
	G. E. Grimes et aldodo		124
	H. C. Batedo		444
	L. M. Tarr et aldodo		444 251
	I. M. Cline et aldodo		643
	E. H. Emery et aldodo		729 321
	J. J. Gray et al do		321
	W. A. Shaw et aldodo		126
	C. M. Strong et al		328
	L. A. Welsh et aldodo		311 151
	F. P. Chaffee et al.  G. E. Grimes et al.  H. C. Bate		151 240
	E. C. Vose et al		240
	B. Bunnemeyer et al		600
	M F Plystone et al		14: 699 210
	F Ridoway at al		39
	E A Brown et al		14:
	E. P. Jones et al. do		22
	E. A. Beals et al.		22/ 70:
	J. P. Slaughter et al		17: 36: 240
	C. F. von Herrmann et aldodo.		36.
	L. M. Dev et al do		240
	J. H. Scarr et aldodo		131
	L. H. Daingerfield et aldodo.		370 18 220
	W. E. Oliver et aldodo		18
	A. Buell et aldo		220
	F. A. Carpenter et aldodo		14
	H. C. Cook et aldodo		12
	A. G. McAdle et aldodo		12: 80: 10:
	E. H. Nimmo		10.
	R. M. Hardinge et al		210
	A. G. Purmo et al		210 336 170
	H R Royar at al		','',
	F H Clarke et al do		213 338 131
	G N Salisbury et al		33
	J. W. Cronk et al		13
	U. G. Purssell et al		139 180 34
	Chas. Stewart et aldodo		180
	W. G. Burns et aldodo		34
	J. S. Hazen et aldo		14
	A. McC. Ashley et aldodo		240 150 14
	E. C. Hobbs et aldodo		153
	N. R. Taylor et al		14
	F. K. Beahan et al		17: 25: 29:
	W. S. Currier et al		20.
	W. S. Deidell et al		139
	W. G. Folger et al		17
	F H Brandenhurg et al		17 63 12
	R. H. Dean et al		12
	T. B. Jennings et al.		240
	G. W. Eddy		10
	Peter Wooddodo.		10: 10:
	W. C. McGuinessdodo.		10:
	H. E. Hobbsdo		70
	W. L. Daydo		10:
	J. J. O'Donnelldo		84
	C. P. Cronk do		10
	G. L. Lovettdo		108 28 70
	M. B. Stubbsdodo		10
	J. N. Kykerdo		10
	J. W. Byram		10.
	W. T. Lathrop		10: 84 50
	A. DIHKWater		90
	E. D. Emigh do C. E. Johnson do N. D. Lane do		84 60
	U. E. JOHNSON		10

Date.	Name.	Nature of payment.	Total.
1903.			
Aug. 31	A. H. Bell	Salary	\$101.10
	E. L. Renoe J. P. Bolton	do	25.00 101.10
	R. H. Sullivan	do	101.10
	R. H. Sullivan W. C. Devereaux C. W. Ling.	do	84. 20 84. 20 101. 10
	D. P. McCallum	do	101.10
	C. C. Garrett	do	70. 8
	C. C. Garrett H. P. Hardin H. B. Dick F. Z. Gosewisch	do	84. 20 84. 20 101. 10
	F. Z. Gosewisch	do	101 1
	J. J. Dosher	do	60.6
	J. J. Dosner G. W. Scott H. F. Alps. A. W. Kennie F. W. Fischer J. H. Kimball H. W. Grässe H. Legler E. H. Hughes	do	101. 1 84. 2
	H. F. Alps.	do	84. 2 25. 0
	F. W. Fischer	do	12.7
	J. H. Kimball	do	70.8
	H. W. Grasse	do	84. 2 70. 8
	H. Legler E. H. Hughes J. A. Balster M. E. Conway L. S. Parrott J. J. Kelliher J. C. Piercy P. McDonough J. T. Patterson	do	55.6
	J. A. Balster	do	55.6 70.8
	M. E. Conway	do	70.8
	I I Kelliher	do	60.6 84.2
	J. C. Piercy	do	101.1
	P. McDonough	do	101.1
	J. T. Patterson	do	40.4 84.2
	D. C. Grunow. A. H. Thiessen. W. W. Thomas.	do	126.4
	W. W. Thomas	do	70.8
	Chas. Adie. Paul DeGraw W. D. Maxwell M. Connell	do	70.8
	W D Maywell	do	84. 2 101. 1
	M. Connell	do	101.1
	Thos. Gibson	do	84. 2 151. 6
	M. Connell. Thos. Gibson E. H. Bowie J. Lopez E. C. Thompson C. H. Richardson J. R. Williams B. C. Kadel L. Dormen	do	151.6 40.4
	E. C. Thompson	do	126.4
	C. H. Richardson.	do	84.2
	J. R. Williams	do	84. 2 101. 1 70. 8
			101.1
	S. Boykin A. E. Heath F. Newman	do	70.8
	A. E. Heath	do	60.6
	E. J. Glass	do	101.1 101.1
	J. C. Havden	do	84.2
	J. C. Hayden J. I. Widmeyer O. W. Roberts	do	101.1
	S. Hackett.	do	101.1 60.6
	W. E. Donaldson et al. E. A. Evans et al. H. P. Bray.	do	170.1
	E. A. Evans et al	do	372.0 21.0
Sept. 9			21. 0 26. 0
	H. McP. Baldwin	do	84.2
	J. Fagen H. McP. Baldwin M. A. Robinson J. J. Quantz Geo. Hass Hagen et al J. M. Watson et al E. C. Nimmo	do	84. 2 70. 8
	J. J. Quantz	do	69.3
	J M Watson et al	do	141.5 131.4
	E. C. Nimmo D. V. Burney P. Wood A. Brand	do	131.4 30.0
15	D. V. Burney	do	29. 8
30	A Brand	do	97.8 97.8 97.8
	A. Brand W. C. McGuiness	do	97.8
	H R Wren	do	52.9
	H. E. Hobbs. W. L. Day. J. J. O'Donnell. W. G. Wilson	do	68.4
	J. J. O'Donnell	do	68. 4 97. 8 81. 6
	W. G. Wilson	do	49.0
	L. A. Judkins M. B. Stubbs J. N. Ryker	do	97.8 68.4
	J. N. Ryker	do	97.8
	H. C. Howe J. W. Byram W. T. Lathrop	do	97.8
	J. W. Byram	do	97. 80 97. 80 81. 60
			2.75
	E. D. Emigh	do	81.6
	E. D. Emigh. C. E. Johnson. A. H. Bell.	do	58.80 97.80
	A. H. Bell J. P. Bolton	do	97.80 97.80
	U. I. 19016011	UU	91.0

ite.	Name.	Nature of payment.
03.		
. 30	R. H. Sullivan W. C. Devereaux C. W. Ling C. C. Garrett H. P. Hardin H. B. Dick F. Z. Gosewisch J. J. Dosher H. F. Alps H. R. Patrick A. W. Kennie J. H. Kimball H. W. Grasse H. Legler	Salary
	W. C. Devereaux	do
	C. W. Ling.	do
	U. U. Garrett	00
	H. P. Diek	00
	F Z Gosewisch	do
	J. J. Dosher	do
	H. F. Alps	do
	H. R. Patrick	do
	A. W. Kennie	do
	J. H. Kimball.	do
	H. W. Grasse	do
	H. Legier	00
	E H Hughes	do
	M E Conway	do
	L. S. Parrott.	do
	J. J. Kelliher	do
	J. C. Piercy	do
	P. McDonough	do
	D. C. Grunow	do
	W. W. Thomas	do
	A. H. Thiessen	
	Charles Adle	00
	A P Hamlin	do
	E C Thompson	do
	J. Lopez	do
	H. W. Grasse   H. Legler     J. A. Balster     E. H. Hughes     M. E. Conway     L. S. Parrott     J. J. Kelliher     J. J. Kelliher     J. C. Piercy     P. McDonough     D. C. Grunow     W. W. Thomas     A. H. Thiessen     Charles Adie     P. DeGraw     A. P. Hamlin     E. C. Thompson     J. Lopez     J. R. Williams     C. H. Richardson     B. C. Kadel     J. C. Hallock     L. Dorman     C. Dorman     C. Rortin     C. Rortin     C. Rortin     C. Rortin     C. L. Dorman     C. Rortin     C. Rortin     C. L. Dorman     C. Rortin     C. Rorti	do
	C. H. Richardson.	do
	B. C. Kadel	do
	J. C. Hallock	do
	L. Dorman	do
	S. Boykin	do
	A. E. Heath	do
	H. McP. Baldwin	00
	F. Newman	
	J. C. Haydell	ao
	O W Roberts	do
	J. C. Hallock L. Dorman S. Boykin A. E. Heath H. McP. Baldwin F. Newman J. C. Hayden J. I. Widmeyer O. W. Roberts D. P. McCallum A. F. Sims et al J. B. Marbury et al E. W. McGann et al D. Fisher et al. O. L. Fassig et al W. A. Mitchell et al B. H. Bronson et al	do
	A. F. Sims et al.	do
	J. B. Marbury et al.	do
	E. W. McGann et al.	do
	D. Fisher et al	do
	O. L. Fassig et al	do
	W. A. Mitchell et al.	do
	B. H. Bronson et al.	00
	I. W. Smith et al.	do
	D. Cuthbertson et al	do
	P H Smyth et al	do
	O. L. Fassig et al. W. A. Mitchell et al. B. H. Bronson et al. S. M. Blandford et al. J. W. Smith et al. J. W. Smith et al. J. W. Smith et al. J. H. Smyth et al. J. H. Smyth et al. J. H. Smith et al. J. W. S. Palmer et al. J. W. S. Palmer et al. H. J. Cox et al. S. S. Bassler et al. J. Kenealy et al. J. W. Bauer et al. J. W. Sherier et al. J. M. Sherier et al. J. M. Sherier et al. J. H. Brandenburg et al. G. M. Chappel et al. N. B. Conger et al. U. W. Richardson et al. D. C. Murphy et al. G. B. Wurtz et al. J. J. L. Cline et al. T. S. Collins et al. G. Reeder et al. L. H. Murdoch et al. C. F. Schneider et al. C. F. Schneider et al. F. W. Conrad et al. D. L. Blue et al. M. W. Hayes et al. M. W. Hayes et al.	do
	J. H. Smith et al.	do
	L. N. Jesunofsky et al	do
	L. M. Pindell et al.	do
	W. S. Palmer et al.	do
	H. J. Cox et al	
	S. S. Bassier et al.	0D
	A F Hockett et al	do
	I W Report of	do
	F Jermin et al.	do
	J. M. Sherier et al.	.do
	F. H. Brandenburg et al	do
	G. M. Chappel et al.	do
	N. B. Conger et al.	do
	O. Parker et al.	do
	H. W. Richardson et al.	do
	D. C. Murphy et al.	do
	G. B. Wurtz et al.	00
	J. L. Cline et al.	00
	C. Pooder et al.	do
	T. H. Murdoch et al.	do
	C. F. Schneider et al	do
	F W Conred et al.	do
	O. T. Rha et al	do

Date.	Name.	Nature of payment.	Total
1903.			
ept. 30	S W. Glenn et al R. G. Allen et al	Salary	\$233
	A. J. Mitcheil et al.	do	332 352 352 317 127
	P Connor et el	do	352
	A. J. Shifeled et al. H. C. Cook et al. R. Q. Grant et al. G. A. Loveland et al.	do	117
	R. Q. Grant et al.	do	127
	G. A. Loveland et al	do	
	G. E. B. Richards et al. G. E. Franklin et al. G. N. Wilson et al.	do	409 249 146
	G. E. Franklin et al.	do	249
	G. N. Wilson et al.	do	146
	C Emorr of ol	do	207
	T. S. Outram et al. W. M. Dudley et al. F. PChaffee et al. G. E. Grimes et al.	do	437 205 341
	W. M. Dudley et al.	do	208
	F. P. Chanee et al.		341
	G. E. Grimes et al.		120
	I. C. Date et al.	do	949
	H. C. Bate et al. L. M. Tarr et al. I. M. Cline et al. J. J. Gray et al.	do	512 243 624
	I I Grav at al	do	311
	L. A. Welsh et al	do	301
	L. A. Welsh et al. J. G. Linsley et al. E. C. Vose, et al. B. Bunnemeyer et al.	do	140
	E. C. Vose, et al.	do	238
	B. Bunnemeyer et al.	do	137
	T. F. Townsend et al	do	670
	T. F. Townsend et al. Geo. Hass Hagen et al. F. Ridgway et al.	do	676 137 430
	F. Ridgway et al	do	430
	E. A. Brown et al.	do	13
	E. P. Jones et al.		217
	E. A. Beals et al. J. P. Slaughter et al. C. F. von Herrmann et al.		217 680 166
	J. P. Slaughter et al.		160
	T. W. Darrat al		358
	L. M. Dey et al L. H. Daingerfield et al W. E. Oliver et al A. Buell et al	do	256
	W F Oliver et el		235 358 179 215
	A Ruell et al	do	213
	R I Hvott et al	do	320
	F A Cornenter et al	do	12'
	F H Vimmo et al	do	19
	F. A. Carpenter et al. E. H. Nimmo et al. A. G. McAdie et al. R. M. Hardinge et al.	do	137 12 770
	R. M. Hardinge et al.	do	208
	H. B. Boyer et al. F. H. Clarke et al. G. N. Salisbury et al. J. W. Cronk et al.	do	238 210
	F. H. Clarke et al	do	210
	G. N. Salisbury et al	do	327
	J. W. Cronk et al.	do	127
	Chas. Stewart et al.	do	174
	W. G. Burns et al.	do	336 137
	J. S. Hazen et al.	do	137
4	A. McC. Ashley et al.	do	233
	L. C. Cover et al.		16-
	Chas. Stewart et al. W. G. Burns et al. J. S. Hazen et al. A. McC. Ashley et al. L. C. Cover et al. V. R. Taylor et al. F. R. Beahan et al.	do	164 156 166
	W S Currier et al	do	243
	W. S. Currier et al W. S. Belden et al G. T. Todd et al G. W. Felger et al	do	288
	G. T. Todd et al.	do	135
	G. W. Felger et al.	do	135 166 137
	R. M. Geddings et al. J. Warren Smith et al. A. Ashenberger et al. T. J. Considine et al.	do	137
	R. M. Geddings et al	do	166
	J. Warren Smith et al	do	166 520 137 226
	A. Ashenberger et al.	do	137
	T. J. Considine et al.	do	226
	E. R. Demain et al S. L. Dosher et al R. B. Harkness et al W. M. Fulton et al		194
	S. L. DOSRET et al.		130
	R. D. Harkiless et al.	do	130 127 215
	H B Horson et al		215
	I. B. Hersey et al.	00	556
	I. A Doneon of al	do	127
	H. B. Hersey et al J. R. Weeks et al L. A. Denson et al W. M. Wilson et al	do	127 137 499
	W. M. Wilson et al. W. A. Shaw et al. W. E. Blystone et al. J. H. Scarr et al. U. G. Purssell et al. J. M. Watson et al. T. B. Jennings et al. G. W. Eddey.	do	499
	W. A Shaw et al	do	667 122
	M. F. Blystone et al	: do	242
	J. H. Scarr et al	do	243 127
	U. G. Purssell et al	do	135
	J. M. Watson et al	do	127 233 97
			120

# Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Tota
1903.			
pt. 30	A. Drinkwater	Salary	\$49
	N. D. Lane E. L. Renoe G. W. Scott	do	97 25 97 81
	G W Scott	do	25
	E. C. Hobbs	. do	81
	E. C. Hobbs W. D. Maxwell E. H. Bowie M. A. Robinson	do	97
	E. H. Bowie	do	97 146
	M. A. Robinson	do	68
	M. A. RODINSON S. Hackett G. L. Lovett E. A. Evans et al W. E. Donaldson et al M. H. Sadler J. R. Frederick W. U. Simons M. Connell	do	58
	G. L. LOVEII.	do	22 428 164
	W F Donaldson of al		428
	M. H. Sadler	do	18
	J. R. Frederick	do	33
	W. U. Simons	do	97
	M. Connell	do	38 97 97
	M. Connell  Total first quarter.  R. H. Dean et al. Thos. Gibson E. J. Glass W. T. Blythe et al. G. R. Oberholzer et al. K. H. Patrick. A. F. Sims et al. F. H. Duff et al. R. M. Geddings et al. J. B. Marbury et al. E. W. McGann et al. D. L. Fassig et al. W. A. Mitchell et al. B. H. Bronson et al. S. M. Blandford et al. J. W. Smith et al. D. Cuthbertson et al. J. H. Smyth et al. L. N. Josvis et al. J. H. Smith et al. L. N. Josvis et al. J. H. Smith et al. J. J. Davis et al. J. H. Smith et al. J. J. W. Sales et al. J. J. Grandford et al. J. J. Grandford et al. J. J. Grandford et al. J. J. Constal. S. S. Bassler et al. J. J. Warren Smith et al. F. Jermin et al. J. W. Sales et al. J. Warren Smith et al. F. Jermin et al. J. M. Sherier et al. J. J. J. Considine et al. G. M. Chappell et al. N. B. Conger et al. D. C. Murphy et al. A. Ashenberger et al. H. W. Richardson et al. D. C. Murphy et al. A. Ashenberger et al. H. W. Richardson et al. D. C. Murphy et al. A. Ashenberger et al. H. H. Murdoch et al. C. F. Schneider et al. H. H. Murdoch et al. C. F. Schneider et al. R. B. Harkness et al. S. W. Glenn et al. R. B. Harkness et al. S. W. Glenn et al. R. G. Allen et al. R. G. Allen et al. R. Q. Grant et al. R. G. Allen et al. R. Q. Grant et al. R. G. Allen et al. R. Q. Grant et al. R. G. Allen et al. R. Q. Grant et al. R. G. Allen et al. R. Q. Grant et al. R. G. Allen et al. R. Q. Grant et al.		117,750
4 0	D II D	~ 1	111,100
t. 3	Thes Gibson	Salary	122
5	E I Glace	do	8: 9: 39:
9	W. T. Blythe et al.	do	30
12	G. R. Oberholzer et al.	do	13
20 31	K. H. Patrick	do	2
31	A. F. Sims et al.	do	29 23 14
	F. H. Duff et al	do	14
	R. M. Geddings et al.	do	17
	F W McGann et al	do	42
	O. L. Fassig et al	do	19 430
	W. A. Mitchell et al.	do	16
	B. H. Bronson et al	do	16 25
	S. M. Blandford et al.	do	25
	J. W. Smith et al	do	689
	D. Cutnbertson et al.	do	18 20
	A I Davis at al	do	20
	I. H. Smith et al	do	19
	L. N. Jesunofsky et al.	do	23
	G. R. Oberholzer et al	do	14
	L. M. Pindell et al.	do	23° 14 22
	W. S. Palmer et al	do	22
	C C Reselvent of	do	970 450
	J. Kenealy et al	do	440
	A. E. Hackett et al.	do	22
	J. W. Bauer et al	do	25: 54: 240
	J. Warren Smith et al	do	54
	F. Jermin et al.	do	21
	F H Brendenburg et al	do	62
	G. M. Chappell et al.	do	62 42
	N. B. Conger et al.	do.	47
	O. Parker et al	do	16
	H. W. Richardson et al.	do	160 31 13
	D. C. Murphy et al.	do	13
	T. I. Considing et al.	do	14: 23-
	G. B. Wurtz et al	do	13
	A. Brand et al.	do	14:
	T. S. Collins et al.	do	16
	G. Reeder et al.	do	16: 210
	L. H. Murdoch et al.	do	486
	U. F. Schneider et al	00	328
	O L Blue et al	do	13:
	E. R. Demain et al	do	10: 139
	S. L. Dosher et al.	do	134
	M. W. Hayes et al	do	134 240
	R. B. Harkness et al.	do	13:
	S. W. Glenn et al.	do	345
	W. T. Blythe et al.	do	40
	A. G. Allen et al.	do	407 343 363
-	P. Connor et al	do	36
	W. U. Simons et al. W. M. Fulton et al. R. Q. Grant et al.	do	19
	*** 3.5 33 11	a.	15

Date.	Name. Na	are of payment. Total
1903.		
et. 31	G. A. Loveland et al Salary E. B. Richards et al do G. E. Franklin et al do H. B. Hersey et al do G. N. Wilson et al do J. R. Weeks et al do J. R. Weeks et al do J. R. Weeks et al do K. C. Emery et al do K. A. Denson et al do L. A. Denson et al do M. M. Wilson et al do T. S. Outram et al do F. P. Chaffee et al do G. E. Grimes et al do	\$412 422 257 574
	E. B. Richards et aldo	422
	G. E. Franklin et aldo	257
	H. B. Hersey et aldo	
	G. N. Wilson et al	
	J. R. Weeks et al	
	C. C. Emory et al.	127 338 141 586
	I. A Denson et al	1.11
	W. M. Wilson et al	586
	T. S. Outram et al. do.	451
	W. M. Dudlev et al do	
	F. P. Chaffee et aldo	451 137 323
	G. E. Grimes et aldo	
	H. C. Bate et aldo	
	H. C. Bate et al         do           L. M. Tarr et al         do           I. M. Cline et al         do	323 1244 468 251 6454 688
	1. M. Cline et aldo	
	E. H. Emery et al	
	E. H. Emery et al	
	T. A. Wolsh of al	328
	I. G. Lineley et al	311 
	E. C. Vose et al	240
	B Bunnemeyer et al	141
	T. F. Townsend et al.	141 699
	Geo. HassHagen et al.	
	F. Ridgway et al	444
	E. A. Brown et al	
	E. P. Jones et al	
	E. A. Beals et aldo	631
	E. P. Jones et al	
	C. F. von Herrmann et aldo	365
	E. A. Evans et al	448 240
	L. M. Dey et al	240
	E. H. BOWIE et al	539 185
	V. E. Oliver et al	188
	A Ruell et al.	
	F A Cormenter et al do	• 141
	E. H. Nimmo et al do	131
	A. G. McAdie et al. do.	131 801 210
	R. M. Hardinge et al	210
	H. B. Boyer et aldo	
	J. H. Scarr et al       do         A. Buell et al       .do         F. A. Carpenter et al       do         E. H. Nimmo et al       .do         A. G. McAdie et al       .do         R. M. Hardinge et al       .do         H. B. Boyer et al.       .do         F. H. Clarke et al       .do         G. N. Sailsbury et al       .do         J. W. Cronk, et al       .do         U. G. Purssell et al       .do         C. Stewart et al       .do	240 217 338
	G. N. Sailsbury et aldo	
	J. W. Cronk, et aldo	131
	U. G. Purssell et aldo	139
	C. Stewart et al.	180
	C. Stewart et al. do W. G. Burns et al. do J. S. Hazen et al. do A. McC. Ashley et al do	139 180 347 141
	A McC Ashley of al	240
	I. C. Cover et al	170
	L. C. Cover et al do N. R. Taylor et al do	170 161 170
	F R Reghen et al.	170
	J. M. Watson et al. do W. S. Currier et al. do T. B. Jennings et al. do	131
	W. S. Currier et aldo	251 240 298
	T. B. Jennings et al	
	W. S. Belden et al	
	G. T. Todd et aldo	
	G. W. Felger et aldo	
	P. W 000	
	T. B. Jennings et al	
	H E Hobbs	101 70 84 101
	J. J. O'Donnell	84
	G. L. Lovett	
	J. W. Byram do	
	A. Drinkwater do	50
	G. L. Lovett do J. W. Byram do A. Drinkwater do M. B. Stubbs do	70
	H. C. Howe       do         W. T. Lathrop       do         E. D. Emigh       do	101 84 84
	W. T. Lathropdo	
	E. D. Emighdo	
	N D Lane	101
	A. H. Belldo	
	A. H. Bell. do C. E. Johnson do E. L. Renoe do	60
	E. L. Renoe do R. H. Sullivan do W. C. Devereaux do	

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

te.	Name.	Nature of payment.	,
)3.		. •	
31	C. W. Ling	Salary	
	C. C. Garrett H. P. Hardin	do	
	H. P. Hardin H. B. Dick	do	
	J. J. Dosher	do	
	J. J. Dosher F. Z. Gosewisch G. W. Scott	do	
	G. W. Scott.	do	
	A. W. Kennie E. H. Hughes J. A. Balster	do	
	L. H. Hugnes	do	
	E. C. Hobbs H. Legler L. S. Parrott	do	
	H. Legler	do	
	L. S. Parrott	do	
	J. C. Piercy	do	
	M. E. Conway J. J. Kelliher	do	
	P. De Graw	do	
	P. De Graw C. Adie	do	
	P. McDonough	do	
	W. W. Thomas	do	
	T Gibson	do	
	M. Connell	do	
	W. W. Thomas W. D. Maxwell T. Gibson M. Connell C. H. Richardson	do	
	C. H. Richardson B. C. Kadel A. G. Burns L. Dorman J. Lopez M. A. Robinson E. C. Thompson H. C. Cook	do	
	A. G. Burns	do	
	L. Dorman	do	
	M A Robinson	do	
	E. C. Thompson.	do	
	H. C. Cook	do	
	U. It. II IIII alli b		
	S. Boykin	do	
	A. H. Thiessen A. E. Heath	do	
	H. McP. Baldwin	do	
	H. McP. Baldwin J. C. Hayden	do	
	J. I. Widmeyer	do	
	J. I. Widmeyer J. I. Widmeyer J. N. Ryker O. W. Roberts S. Hackett E. J. Glass R. J. Hyatt et al	do	
	O. W. Koberts	0D	
	E. J. Glass	do	
	R. J. Hvatt et al.	do	
	R.J. Hyattetal J. J. Gray et al M. E. Blystone et al B. H. Dean et al D. Fisher et al W. E. Donaldson et al J. F. Voorhees R. Hazzard	do	
	M. E. Blystone et al.	do	
	R. H. Dean et al.	do	
	D. Fisher et al	do	
	J. F. Voorhees	do	
7	R. Hazzard	do	
	do	do	
.0	do J. P. Bolton F. Newman A. S. Ashley	do.	
	r. Newman	do	
	P. Baur	do	
	P. Baur W. Layton E. B. Richards W. T. Blythe	do	
	E. B. Řichards	do	
	W. T. Blythe	do	
30	W. I. Blyttle A. F. Sims et al F. H. Duff et al J. B. Marbury et al E. W. McGann et al D. Fisher et al O. L. Fassig et al W. A. Mitchell et al B. H. Permen et al	do	
	F. H. Duff et al.	do	
	E. W. McGann et al	do	
	D. Fisher et al.	do	
	O. L. Fassig et al.	do	
	W. A. Mitchell et al	do	
	B. H. Bronson et al S. M. Blandford et al J. W. Smith et al D. Cuthbertson et al	do	
	S. M. Blandford et al.	00	
	D. Cuthbertson et al	do	
	J. F. Newsom et al. J. H. Smith et al. L. M. Pindell et al. L. N. Jesunofsky et al.	do	
	J. H. Smith et al.	do	
	L. M. Pindell et al.	do	
	L. N. Jesunofsky et al.	do	
	G. R. Oberholzer et al W. S. Palmer et al H. J. Cox et al	00	"
	w.s. raimer et al	uuuu	

Date.	Name.	Nature of payment.	Tota
1903.			
ov. 30	S. S. Bassler et al. J. Kenealy et al. A. E. Hackett et al.	Salary	\$44
	J. Kenealy et al.	dodo	41- 140
	J. W. Bauer et al.	do	24
	J. W. Bauer et al J. Warren Smith et al J. L. Cline et al J. M. Sherier et al F. H. Brandenburg et al G. M. Chappel et al N. B. Conger et al O. Parker et al H. W. Richardson et al	do	530 12 200
	J. L. Cline et al.	do	12
	F H Brandenburg et al	do	57:
	G. M. Chappel et al.	do	40 45
	N. B. Conger et al.	do	45
	O. Parker et al	do	15
	D. C. Murphy et al	do	30 12 13
	L. Dorman et al.	do	13
	D. C. Murphy et al. L. Dorman et al. T. J. Considine et al.	do	99
	G. B. Wurtz et al	do	13 13 15
	T S Collins et al	do	15
	G. Reeder et al	do	90
	L. H. Murdoch et al.	do	47
	C. F. Schneider et al.	do	47 31 12 16
	F. W. Conrad et al.	do	12
	G. B. Wurtz et al. A. Brand et al. T. S. Collins et al. G. Reeder et al. L. H. Murdoch et al. C. F. Schneider et al. F. W. Conrad et al. F. Jermin et al. E. R. Demain et al.	do	20
	E. R. Demain et al. S. L. Dosher et al. M. W. Hayes et al. R. B. Harkmess et al. S. W. Glenn et al. W. T. Blythe et al. A. J. Mitchell et al. P. Connor et al. W. U. Simons et al. W. M. Fulton et al. R. O. Grant et al.	do	13 23
	M. W. Hayes et al.	do	23
	R. B. Harkness et al.	00	12 33
	W. T. Blythe et al	do	39
	R. G. Allen et al.	do	39 33
	A. J. Mitchell et al.	do	34
	P. Connor et al.	do	35
	W. U. Simons et al.	do	15 14
	R. Q. Grant et al.	do	19
	R. H. Dean et al	do	12 40 28
	G. A. Loveland et al	do	40
	G F Franklin at al	do	28 24
	G. A. Loveland et al. G. A. Loveland et al. G. E. Franklin et al. H. B. Hersey et al.	do	53
	G. N. Wilson et al.	do	14
	J. R. Weeks et al.	do	140 121 121
	S. C. Emery et al.	do	32
	H. B. Hersey et al J. R. Weeks et al J. R. Weeks et al H. R. Patrick et al S. C. Emery et al L. A. Denson et al W. M. Wilson et al T. S. Outram et al	do	32 13 56 40
	W. M. Wilson et al.	do,	56
	T. S. Outram et al.	do	40
	W. R. Pratt et al. F. P. Chaffee et al. G. E. Grimes et al. H. C. Bate et al. L. M. Tarr et al.	dodo	10 31
	G. E. Grimes et al.	do	12
	H. C. Bate et al	do	46
	L. M. Tarr et al.	do	243
	L. M. Tarr et al. L. M. Cline et al. E. H. Emery et al. J. J. Gray et al. W. A. Shaw et al. C. M. Strong et al. J. G. Linsley et al. E. C. Vose et al. B. Brunneneyer et al.	do	62 66
	J. J. Gray et al.	do	930
	W. A. Shaw et al	do	12
	C. M. Strong et al.	do	12: 32: 14:
	F C Vose et al	do	140 233
	E. C. Vose et al.  B. Bunnemeyer et al.  T. F. Townsend et al.  M. E. Blystone et al.  Geo. Hass Hagen et al.  F. Ridgway et al.  E. A. Brown et al.  E. P. Jones et al.	do	13
	T. F. Townsend et al.	do	676 243 13
	M. E. Blystone et al.	do	24
	Geo. Hass Hagen et al.	do'	13
	E. A. Brown et al	do	13
	E. P. Jones et al.	do	430 131 211
			61
	J. P. Slaughter et al.	do	16
	J. P. Slaughter et al. C. F. von Herrmann et al. L. M. Dey et al.	do	383 233 12'
	J. H. Scarr et al.	do	12
	J. H. Scarr et al. E. H. Bowie et al. W. E. Oliver et al. R. J. Hyatt et al.	do	52
	W. E. Oliver et al.	do	179 336
	A. Buoll of al	do	336 218
	R. J. Hyatt et al. A. Buell et al. F. A. Carpenter et al. E. H. Nimmo et al. A. G. McAdie et al. R. M. Hardinge et al.	do	218 127
	E. H. Nimmo et al.	do	137 127 776
	A C Mat dia -t -1	do	776

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Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name. Nature of payment.	Total
1903.		
ov. 30	A. G. Burns et al Salary	. \$135
	A. G. Burns et al. Salary H. B. Boyer et al. do F. H. Clarke et al. do G. N. Salisbury et al. do J. W. Cronk et al. do U. G. Purssell et al. do U. G. Purssell et al. do W. G. Burns et al. do J. S. Hazen et al. do	233 210 327 127
	F. H. Clarke et al	210
	G. N. Salisbury et al	. 327
	J. W. Cronk et aldo	. 127
	U. G. Purssell et al	. 135
	C. Stewart et al	. 174 . 336
	W. G. Burns et al do	. 336
	J. S. Hazen et al	137 233 164
	A. McC. Ashley et al	. 233
	L. C. Cover et al	. 164
	N. R. Taylor et al	. 156
	I M Water et al	156 166 127 243
	M. W. S. Cramina et al	. 127
	W. S. Currier et al.	. 246
	W S Boldon et al	. 233
	G. T. Todd et al.	198
	G W Falgar at al	166
	G W Edday	. 100
	P. Wood do	288 135 166 97
	W. C. McGuiness do	97
	H. E. Hobbs	69
	W. L. Dav.	. 68 97 81
	C. Stewart et al	81
	G. L. Lovett do	2
	M. B. Stubbsdo	68
	E. D. Coberlydo.	. 6
	J. W. Byram dodo	97
	H. C. Howe. do.	97
	W. T. Lathrop. do.	81
	A. Drinkwater do	. 49
	E. D. Emighdo.	. 81
	C. E. Johnson do	. 58
	A. Ashenberger do do	. 45
	A. H. Bell do	. 97
	J. P. Bolton do	97
	R. H. Sullivan do	. 97
	W. C. Devereaux do	. 8.
	C. W. Lingdo	. 81
	C. C. Garrettdo	68
	H. P. Hardin	. 81
	H. B. Dick	. 81
	F. Z. GOSEWISCH	. 91
	H. B. Dick do	. 97 . 45
	G W Scott	97
	H F Alps	. 8
	E B Richards	. 61
	A W Kennia	. 2
	E. C. Hobbs	. 8
	A. Ashenherger do	. 56
	H. W. Grasse do	. 8.
	J. A. Balsterdo	55
	H. Johnson	. 58
	W. G. Wilsondodo.	. 32
	H. Leglerdo	. 68
	M. E. Conwaydo	68 58
	L. S. Parrottdo.	. 58
	J. J. Kelliherdo	. 8:
	J. C. Piercydo.	97
	P. McDonough	. 97
	D. C. Grunow	. 8
	W. W. Thomasdo	. 68
	D. Do Cross	. 68
	W. D. Moywell	. 81
	W. D. Maxwell   do   do   M. Connell   do   do   do   do   do   do   do	. 97
	T Gibson do	. 81
	H. C. Cook do	. 58
	M A Robinson	69
	E. C. Thompson	68 122
	I Lonez do	30
	J. R. Williams	97
	C. H. Richardson	. 81
	B C Kadel do	. 68
	N. D. Lane do	97
	A T Trooth do	58
		. 81

ate.	Name.	Nature of payment.	Tota
.903.			
v. 30	J. C. Hayden         Salar           J. I. Widmeyer         do           O. W. Roberts         do           J. N. Ryker         do           S. Hackett         do           E. L. Renoe         do           R. M. Geddings et al         do           W. E. Donaldson et al         do           E. A. Evans et al         do           L. A. Welsh et al         do           F. L. Pollock         do           W. Layton         do           A. H. Thiessen         do           E. J. Glass         do           S. Boykin         do	7	\$8 9 9
	J. I. Widmeyerdo	2	9
	U. W. Roberts	2	9
	S Hackett do		9 5 2 16
	E. L. Renoe	)	2
	R. M. Geddings et al	)	16
	W. E. Donaldson et al	)	16 43 30
	E. A. Evans et aldo	)	43
5	L. A. Welsh et aldo	)	30
	F. L. Pollock	)	2
	W. Laytondo	2	1 12 9
	A. H. Thiessen	?	12
	C Roylin		2
	S. Boykin de F. R. Wicks de P. Baur de E. I. Chute de		1
14	P. Baur	)	1 2
	E. I. Chute	)	10
22	W. T. Blythedo		6
	A. S. Ashleydo	)	6 3
	H. M. Hart	)	1
0.1	W. C. Irwin		1
31	E. I. Chute	2	23
	I. D. Marbury et al.		17 42
	E W McGann at al		16
	D. Fisher et al	(	16
	O. L. Fassig et al.	)	43
	W. A. Mitchell et al		16 43 16
	B. H. Bronson et aldo		25
	S. M. Blandford et aldo	)	25
	J. W. Smith et aldo	)	69
	D. Cuthbertson et al	)	49
	E. W. McGann et al	)	28
	J. H. Smith et al		28 19 23
	G. P. Oborbolgor et al.		25 14
	I. M. Pindell et al.		22
	W. S. Palmer et al		22
	H. J. Cox et al		22 97
	S. S. Bassler et al		45
	J. Kenealy et aldo		45 43
	A. E. Hackett et aldo		22
	J. W. Bauer et aldo		26
	J. Warren Smith et al		54
	J. L. Cliffe et al		13 21
	F H Brandenburg et al		62
	G. M. Channel et al.		42
	N. B. Conger et al		47
	O. Parker et al		47 16
	H. J. Cox et al.  S. S. Bassler et al.  J. Kenealy et al.  J. Kenealy et al.  d. E. Hackett et al.  J. W. Bauer et al.  J. W. Bauer et al.  J. L. Cline et al.  J. L. Cline et al.  J. M. Sherier et al.  G. J. M. Sherier et al.  G. M. Chappel et al.  N. B. Conger et al.  G. M. Chappel et al.  D. Parker et al.  G. Parker et al.  G. B. Wurtz et al.  G. C. Microbian et al.  G. B. Wurtz et al.  G. B. Wurtz et al.  G. B. Wurtz et al.  G. B. Ulins et al.		31
	D. C. Murphy et al		13
	G. B. Wurtz et aldo		14 14
	A. Brand et al		14
	G. Pooder et al		16
	L. H. Murdoch et al.		21
	C F Schneider et al		48 32
	A. Brand et al		13
	F. Jermin et al		17
	F. Jermin et al. dc E. R. Demain et al. dc		21
	S. L. Dosher et al		13
	M. W. Hayes et aldo		24
	R. B. Harkness et aldo		13 24
	S. W. Glenn et al		24
	W. T. Blythe et al		50
	E. R. Demain et al		34
	A. J. Mitchell et al		35
	W. M. Fulton et al		36
	P. O. Crant et al		15
	R H Doop et al		13 12
	G A Loyeland et al		42
	E. B. Richards et al		42 42
	G. F. Franklin et al		31
	G. N. Wilson et al		15
	I R Wooks et al		13

Date.	Name.	Nature of payment.	Tota
1903.			
ec. 31	L. A. Denson et al. W. M. Wilson et al. T. S. Outram et al. A. Ashenberger et al. F. P. Chaffee et al. G. E. Grimes et al. H. C. Bate et al. L. M. Tarr et al. L. M. Tarr et al. E. H. Emery et al. E. H. Emery et al. W. A. Shaw et al. W. A. Shaw et al. C. M. Strong et al. L. A. Welsh et al. J. G. C. West et al. L. A. C. Welsh et al. J. G. Linsley et al. J. G. Linsley et al.	Salary	\$141 513
	W. M. Wilson et al.	do	518
	T. S. Outram et al.	do	42
	A. Ashenberger et al	do	220 32
	F. P. Chanee et al.	00	32 12
	H C Rote et al	do	124
	L. M. Tarret al	do	478 25
	I. M. Cline et al	do	591
	E. H. Emery et al.	do	59 68
	J. J. Gray et al.	do	24
	W. A. Shaw et al	do	120
	C. M. Strong et al	do	33 31
	L. A. Welsh et al	do	31
	J. G. Linsley et al.	do	15
	E. C. Vose et al.	do	15 24 14
	B. Bunnemeyer et al.	00	14
	T. F. Townsend et al.	00	69
	M. E. Blystone et al.	00	210
	F Ridoway at al	do	142 428
	B. C. Vose et al. B. Bunnemeyer et al. T. F. Townsend et al. M. E. Blystone et al. Geo. Hass Hagen et al. F. Ridgway et al. E. P. Jones et al.	do	22
	E. A. Beals et al	do	60
	E. A. Brown et al.	do.	60 14 17
	J. P. Slaughter et al.	do	17
	E. P. Jones et al E. A. Beals et al E. A. Brown et al J. P. Slaughter et al C. F. von Herrmann et al E. A. Evans et al L. M. Dey et al J. H. Scarr et al J. H. Scarr et al E. H. Bowle et al W. E. Oliver et al A. Buell et al F. A. Carpenter et al E. H. Nimmo et al A. G. McAdie et al R. M. Hardinge et al R. J. Hyatt et al A. G. Burns et al	do	33.
	E. A. Evans et al	do	44 24
	L. M Dey et al	do	24
	J. H. Scarr et al.	do	13
	E. H. Bowie et al.	do	53
	W. E. Oliver et al	do	18
	A. Buell et al.	do	18 220 14
	F. A. Carpenter et al.	do	14:
	E. H. Nimmo et al.	do	13
	A. G. McAdle et al.	do	80 21 34
	R. M. Hardinge et al	00	21
	A. C. Burma et al.	do	13
	A. G. Burns et al.	do	15
	F H Clarks of al	do	91
	G N Salishury et al	do	24 21 33
	J. W. Cronk et al	do	13
	U. G. Purssell et al	do	139
	C. Stewart et al.	do	13 13! 18! 34'
	A. G. Burnis et al. H. B. Boyer et al. F. H. Clarke et al. G. N. Salisbury et al. J. W. Cronk et al. U. G. Purssell et al. C. Stewart et al. W. G. Burnis et al. L. S. Hogon et al.	do	34
	J. S. Hazen et al.	do	14
	A. McC. Ashley et al	do	24 17
	L. C. Cover et al.	do	17
	N. R. Taylor et al	do	16
	F. R. Beahan et al.		17
	J. M. Watson et al.		13 23 24
	W. S. Currier et al.	00	20
	W. G. Burns et al. J. S. Hazen et al. A. McC. Ashley et al. L. C. Cover et al. N. R. Taylor et al. F. R. Beahan et al. J. M. Watson et al. W. S. Currier et al. T. B. Jennings et al. W. S. Belden et al.	do	29
	G T Todd et al	do	12
	W. S. Belden et al G. T. Todd et al G. W. Felger et al W. E. Donaldson et al	do	13 17
	W. E. Donaldson et al	do	17
	T. J. Considine et al.	do	23 16 10
	T. J. Considine et al. W. U. Simons et al. G. W. Eddey P. Wood.	do	16
	G. W. Eddey	do	10
	P. Wood.	do	10
	R. D. Pettet	do	3
	W. C. McGuiness	do	10 10
	W. L. Day	do	10
	I. W. Dynam	0D	2
	J. W. Byram	do	10
	P. Wood. R. D. Pettet W. C. McGuiness W. L. Day G. I. Lovett J. W. Byram H. C. Howe E. D. Emigh C. E. Johnson A. H. Poll	do.	10 10 8
	C. F. Johnson	do	66
	A H Rell	do	10
	C. E. Johnson A. H. Bell E. L. Renoe J. P. Bolton R. H. Sullivan W. C. Devereaux C. W. Ling C. C. Garrett H. P. Hardin H. B. Dick F. Z. Gosewisch	do	10
	I P Bolton	do	10
	R H Sullivan	do	10
	W. C. Devereaux	.do	10 8 8
	C. W. Ling	do	8
	C. C. Garrett	do	70
	H. P. Hardin	do	8-
	TT 70 701 3	do	8

Date.	Name.	Nature of payment.	Total.
1903.			
Dec. 31	J. J. Dosher	Salary	\$60.60
	J. J. Dosher. J. F. Voorhees. G. W. Scott.	do	52.54 101.10
			84. 20
	A. W. Kennie	do	84. 20 25. 00
	A. W. Kennie E. C. Hobbs. H. McP. Baldwin	do	84. 20 84. 20
			84.20 84.20
	H. Legler . J. A. Balster . E. H. Hughes . M. E. Conway .	do	70.80
	J. A. Balster.	do	55.60
	E. H. Hughes	do	55.60 70.80
	R. T. Lindley	do	70.80
	R. T. Lindley L. S. Parrott J. C. Piercy	do	60.60
			101.10
	D. C. Grunow	do	101.10 84.20
	W. W. Thomas	do	70.80
	A. H. Thiessen	do	126.40
	F. McDonough D. C. Grunow W. W. Thomas A. H. Thiessen W. D. Maxwell M. Connell Thos. Gibson E. C. Thompson	do	101.10 101.10
	Thos, Gibson	do	84.20
	E. C. Thompson	do	196 40
	M. A. Robinson	do	70.80
	M. A. Robinson. J. Lopez J. R. Williams. A. E. Heath	do.	40.40 101.10
	A. E. Heath	do	60.€0
			101.10
	F. Newman E. J. Glass J. C. Hayden	do	101.10
	J. C. Hayden		101.10 84.20
	J. I. Widmeyer J. N. Ryker S. Hackett F. H. Duff et al.	do	101.10
	J. N. Ryker	do	101.10
	S. Hackett.	do	60.60 141.50
	P. H. Smyth et al.	do	208.64
	H. B. Hersey et al.	do	615.89
	P. H. Smyth et al H. B. Hersey et al A. P. Hamlin et al B. Parry	do	109.46
	A. Drinkwater	do	13.70 31.30
	do	do	24.46
	do. N. D. Lane. C. H. Richardson.	do	101.10
	H. Johnson	do	84. 20 30. 00
	O. W. Roperts	do	101.10
	O. W. Roverts L. Dorman et al. W. T. Lathrop	do	125, 20 84, 20
	W. T. Lathrop	do	84.20
	W. I. Earlinop J. J. Kelliher A. M. Hamrick B. C. Kadel J. J. O'Donnell	do	84. 20 2. 01
	B. C. Kadel	do	70.80
	J. J. O'Donnell	do	84. 20
	Total, second quarter		
1904.			
Jan. 11	W. G. Wilson	Salary	50.50
	W. G. Wilson F. Lewis F. P. Evans C. C. Starkey	do	27.00
	F. P. Evans. C. C. Starkey	do	15.65 39.00
			30.00
	C. C. Kelley A. C Ashley C. Adie	do	30.00
	A. C Ashley	do	18.00
14	G. Harrison	do	54. 78 27. 00
	C. W. Pike G. Harrison	do	40.40
18	G. Harrison	do	2.00
31	A. F. Sims et al. F. H. Duff et al.	do	240.10 143.10
	J. B. Marbury et al.	do	389.97
	J. B. Marbury et al. E. W. McGann et al. R. M. Geddings et al.	do	209, 50
	R. M. Geddings et al.	do	173.70
	D. Fisher et al.	do	161.80 441.20
	O. L. Fassig et al. W. A. Mitchell et al.	do	441.20 163.50
	B. H. Bronson et al. S. M. Blandford et al.	do	253.80
	J. W. Smith et al.	do	253.80 768.30
	J. W. Smith et al. D. Cuthbertson et al.	do	499.00
	P. H. Smyth et al	do	212.90

Date.	Name.	Nature of payment.	Tota
1904. Jan. 31			
	J. F. Newsom et al. Sal J. H. Smith et al. L. N. Jesunofsky et al.	lary	\$293
	J. H. Smith et al	.do	195
	L. N. Jesunofsky et al	.do	240
	G. R. Oberholzer et al. L. M. Pindell et al.	do	143 226
	W. S. Palmer et al.	do	229
	H. J. Cox et al.	.do	810
	S S Rassler et al	do	484
	J. Kenealy et al A. E. Hackett et al J. W. Bauer et al J. Warren Smith et al	.do	441
	A. E. Hackett et al	.do	224
	J. W. Bauer et al.	.do	269 553
	J. L. Cline et al.	do	106
	J. M. Sherrier et al.	.do	212
	J. M. Sherrier et al F. H. Brandenburg et al	.do	628
	G. M. Chappel et al.	.do	447
	N. B. Conger et al.	.00	478 161
	H. W. Richardson et al	do	318
	D. C Murphy et al.	.do	132
	R. H. Blandenburg et al. G. M. Chappel et al. N. B. Conger et al. O. Parker et al. H. W. Richardson et al. D. C Murphy et al. L. Dorman et al. T. I. Considing at al.	.do	143
			236
	G. B. Wurtz et al. A. Brand et al.	.00	14: 14:
	T. S. Collins et al.	do	165
	Geo. Reeder et al	.do	163 213
	L. H. Murdoch et al	.do	492
	C. F. Schneider et al.	.do	333 133
	F. W. Conrad et al.	.do	132
	F. Jermin et al	do	173 213
	S. L. Dosher et al.	.do	136
	M. W. Hayes et al	.do	243
	R. B. Harkness et al.	.do	132
	S. W. Glenn et al.	.00	243 514
	R G Allen et al	do	347
	A. J. Mitchell et al	.do	357
	P. Connor et al.	.do	367
	W. M. Fulton et al.	.do	224
	R. Q. Grant et al.	.do	132
	G A Loveland et al	do	13: 12: 42:
	E. B. Richards et al	.do	42
	G. E. Franklin et al	.do	42° 29°
	H. B. Hersey et al	.do	570
	G. N. Wilson et al.	do	153 132
	S. C. Emery et al	do	342
	W. M. Wilson et al.	.do	592
	T. S. Outram et al.	.do	428
	F. W. Conrad et al. F. Jermin et al. E. R. Demain et al. S. L. Dosher et al. M. W. Hayes et al. R. B. Harkness et al. S. W. Glenn et al. W. T. Blythe et al. W. T. Blythe et al. A. J. Mitchell et al. P. Connor et al. W. M. Fulton et al. R. G. Allen et al. G. A. Loveland et al. G. A. Loveland et al. G. E. Franklin et al. H. B. Hersey et al. G. N. Wilson et al. H. R. Patrick et al. H. R. Patrick et al. S. C. Emery et al. W. M. Wilson et al. T. S. Outram et al. A. Ashenberger et al. F. P. Chaffee et al. G. E. Grimes et al. G. E. Grimes et al. G. A. Loveland et al. C. C. Emery et al. C. S. Grimes et al. C. E. Grimes et al. C. E. Grimes et al. C. E. Grimes et al. C. Bate et al. C. Bate et al. C. Bate et al. C. M. M. Tarr et al.	.00	223 357
	G. F. Grimes et al	do	126
	G. E. Grimes et al. H. C. Bate et al. L. M. Tarr et al. I. M. Cline et al. E. H. Emery et al. J. J. Gray et al. W. A. Shaw et al. C. M. Strong et al. L. A. Welsh et al. J. G. Linsley et al. E. C. Vose et al. B. Bunnemeyer et al. T. F. Townsend et al. M. E. Blystone et al. G. Hass Hagen et al. F. Ridgway et al.	do	558
	L. M. Tarr et al.	.do	253
	I. M. Cline et al.	.do	64/
	E. H. Emery et al.	.do	696
	W A Shaw at al	do	696 335 127 342
	C. M. Strong et al	do	342
	L. A. Welsh et al.	.do	316
	J. G. Linsley et al	.do	153
	E. C. Vose et al.	.do	243 143
	T. F. Townsend et al.	do	706
	M. E. Blystone et al.	.do	243
	G. Hass Hagen et al	.do	143
	F. Ridgway et al	.do	449
	E. A. Brown et al E. P. Jones et al	.do	143
	E. F. JOHES et al.	do	226 608
	E. A. Beals et al. J. P. Slaughter et al. C. F. von Herrmann et al. E. A. Evans et al. L. M. Dey et al.	.do	178
	C. F. von Herrmann et al	.do	339
	E. A. Evans et al.	.do	416
	L. M. Dey et al.	.do	243
			132 545
	E. H. Bowie et al W. E. Oliver et al R. G. Hyatt et al	do	187
	The state of the s		350

ate.	Name.	Nature of payment.	Tota
004.			
n 31	A. Buell et al	Salary	\$223
	A. Buell et al. S. F. A. Carpenter et al.	do	143
	E. H. Nimmo et al.	do	132
	A. G. McAdie et al	do	810
	R. M. Hardinge et al.	do	212
	A. G. Burns et al	do	141
	H. B. Boyer et al	do	243
	F. H. Clarke et al	do	219 349
	G. N. Salisbury et al	do	342
	J. W. Cronk et al	do	133 227 185
	U. G. Purssell et al	do	22
	C. Stewart et al	do	183
	J. S. Hazen et al	do	143
	W. G. Burns et al	do	350 243
	A. McC. Ashley et al	do	243
	N. R. Taylor et al	do	165
	J. M. Watson et al	do	13
	W. S. Currier et al	do	240
	W. S. Belden et al	do	30
	G. T. Todd et al	do	14 17 10
	G. W. Felger et al	do	173
	G. W. Eddey	do	10:
	P. Wood	do	10
	W. C. McGuiness	do	10
	W. L. Day	do	10 10
	G. L. Lovett	do	2
	F. J. Walz	do	170
	H. C. Howe	.,do	10: 17: 10: 10: 6:
	J. W. Byram	do	10
	A. Drinkwater	do	6 8
	E. D. Emigh	do	8
	J. P. Bolton	do	10
	R. H. Sullivan	do	10
	W. C. Devereaux	do	8
	P. De Graw	do	10: 8: 8:
	C. W. Ling	do	8
	H. P. Hardin	do	8 8 8
	H. B. Dick	do	8
	F. Z. Gosewisch	do	10
	J. J. Dosher	do	6
	H. F. Alps.	do	6. 8.
	A. W. Kennie	do	2
	H. W. Grasse	do	8
	H. Legler	do	7.
	J. A. Balster	do	5
	E. H. Hugnes	do	5
	W. G. Wilson	do	5 7
	M. E. Conway	do	4.
	L. S. Parrott	do	6 8 10
	J. J. Keillier		- 8
	D. McDonough		10
	D. C. Cramow	do	10
	H Legler J. A. Balster E. H. Hughes W. G. Wilson M. E. Conway L. S. Parrott J. J. Kelliher J. C. Piercy P. McDonough D. C. Grunow A. H. Thiessen W. W. Thomas	do	8 12 7
	W W Thomas	do	12
			10
	M Connell	do .	10
	T Gibson	do	Q
	J R Williams	do	10
	E C Thompson	do	10 12 7
	M A Robinson	do	-7
	J. Lopez	do	4
	E. C. Hobbs	do	8
	F. R. Beahan	do	10
	J. J. O'Donnell	do	8
	F. Newman	do	10
	E. J. Glass	do	8 10 10
	W. D. Maxwell M. Connell T. Gibson J. R. Williams E. C. Thompson M. A. Robinson J. Lopez E. C. Hobbs F. R. Beahan J. J. O'Donnell F. Newman J. J. O'Donnell F. Newman J. I. Widmeyer J. I. Widmeyer J. I. Widmeyer J. N. Ryker S. Hackett C. E. Johnson A. H. Bell G. W. Scott L. G. Sutton A. P. Hamlin W. E. Donaldson et al W. U. Simons et al L. A. Denson et al	do	8
	J. I. Widmever	do	10: 8: 10: 10:
	O. W. Roberts	do	10
	J. N. Ryker	do	10
	S. Hackett.	do	10:
	C. E. Johnson	do	6
	A. H. Bell	do	10
	G. W. Scott.	do	10
	L. G. Sutton	do	10:
	A. P. Hamlin	do	6
	W E Donaldson et al	do	17

 $Expenditures\ of\ the\ Department\ of\ Agriculture\ for\ fiscal\ year\ ending\ June\ 30,\ 1904-{\rm Cont'd}.$ 

ate.	Name.	Nature of payment.	Tota
904.			
a. 31	T. B. Jennings et al. Sa J. A. Barwick G. Plogart E. L. Renoe J. R. Weeks et al. A. T. Betzer	lary	\$243
	J. A. Barwick	.do	3-
	E L Renoe	do	
	J. R. Weeks et al.	.do	13: 30
b. 4	A. T. Betzer	.do	30
	H. McP. Baldwin	.do	8
	A E Heath	do	20
10	L. C. Cover et al.	.do	6: 21:
	C. C. Garrett.	.do	7.
	C. C. Starkov	do	3:
	A. J. Kellev	.do	36
	D. Baxter	.do	30
	F. P. Evans	.do	6
13	A. W. Dickson	do	10
29	A. F. Sims et al.	.do	22
	F. H. Duff et al.	.do	133
	J. R. Weeks et al. A. T. Betzer. H. McP. Baldwin F. Lewis. A. E. Heath L. C. Cover et al. C. C. Garrett C. C. Kelley C. C. Starkey. A. J. Kelley D. Baxter F. P. Evans A. W. Dickson N. D. Lane. A. F. Sims et al. F. H. Duff et al. J. B. Marbury et al. E. W. McGann et al. D. Fisher et al. O. L. Fassig et al. W. E. Donaldson et al. W. A. Mitchell et al. B. H. Bromson et al. D. W. Smith et al. D. Cuthbertson et al. D. Cuthbertson et al. J. F. Newsom et al. J. F. Newsom et al. J. F. Newsom et al. J. H. Smith et al. J. J. Ox et al. S. Sasseler et al.	.do	33- 190
	E. W. McGann et al	do	190
	O. L. Fassig et al.	-do	15 41
	W. E. Donaldson et al.	.do	16
	W. A. Mitchell et al.	.do	15
	B. H. Bronson et al	.do	23 71
	D Cuthbertson et al	do	46
	P. H. Smyth et al.	.do	20
	J. F. Newsom et al	.do	46 20 27
	J. H. Smith et al.	.do	18
	C. R. Oberholzer et al.	do	22 13
	L. M. Pindell et al.	.do	21
	H. J. Cox et al.	.do	93
	S. S. Bassler et al	.do	48 41
	J. Kenealy et al.	.do	41 14
	J W Bauer et al	-do	25
	J. W. Smith et al	.do	25 51 19
	J. M. Sherier et al.	.do	19
	F. H. Brandenburg et al.		58
	N. B. Conger et al.	-do	39 44 15
	O. Parker et al.	.do	15
	H. W. Richardson et al.	.do	29
	D. C. Murphy et al.	.do	12 13
	T. J. Considing et al.	do	22
	G. B. Wurtz et al.	.do	12
	A. Brand et al.	.do	19
	T. S. Collins et al.	.00	15 19
	L. H. Murdoch et al.	.do.	46
	G. R. Oberholzer et al. L. M. Pindell et al. H. J. Cox et al. S. S. Bassler et al. J. Kenealy et al. A. E. Hackett et al. J. W. Bauer et al. J. W. Smith et al. J. M. Sherier et al. J. M. Sherier et al. F. H. Brandenburg et al. G. M. Chappel et al. N. B. Conger et al. O. Parker et al. D. C. Murphy et al. L. Dorman et al. T. J. Considine et al. G. B. Wurtz et al. A. Brand et al. T. S. Collins et al. C. F. Schneider et al. L. H. Murdoch et al. L. H. Murdoch et al. C. F. Schneider et al. L. F. H. Brander et al. C. F. Schneider et al. C. F. Schneider et al. C. F. Schneider et al. F. J. Considine et al. C. F. Schneider et al. C. F. Schneider et al. C. F. Schneider et al. F. J. Connord et al. F. J. Genn et al. M. W. Hayes et al. S. W. Glenn et al. W. T. Blythe et al. R. G. Allen et al. P. Connor et al. R. Q. Grant et al.	.do	30
	F. W. Conråd et al.	.do	12
	F. Jernam et al.	.do	16 19 22
	M W Haves et al	.do	22
	S. W. Glenn et al.	.do	22
	W. T. Blythe et al.	.do	48
	R. G. Allen et al.	.do	29 34
	P. Connor et al.	do	34
	R. Q. Grant et al. G. A. Loveland et al. E. B. Richards et al.	.do	12 40
	G. A. Loveland et al.	.do	40
	E. B. Richards et al.	do	40 53
	G N Wilson et al	do	14
	H. B. Hersey et al. G. N. Wilson et al. G. E. Franklin et al.	.do	27
			12
	H. R. Patrick et al. S. C. Emery et al. L. A. Denson et al.	.do	15 32
	S. C. Emery et al.		133
	W. M. Wilson et al.	.do	55
	M. M. Wilson et al. A. Ashenberger et al. F. P. Chaffee et al. G. E. Grimes et al. H. C. Bate et al.	.do	20
	F. P. Chaffee et al.	.do	33
		do	11

ate.	Name.	Nature of payment.	Tot
004.	L. M. Tarr et al f. M. Cline et al f. M. Cline et al f. H. Emery et al W. A. Shaw et al L. A. Welsh et al J. G. Linsley et al E. C. Vose et al B. Bunnemeyer et al T. F. Townsend et al M. E. Blystone et al F. Ridgway et al E. A. Brown et al E. A. Brown et al E. A. Beals et al J. P. Slaughter et al C. F. von Herrmann et al L. M. Dey et al J. H. Scarr et al E. H. Bowie et al W. E. Oliver et al W. E. Oliver et al		
. 29	L. M. Tarr et al.	Salary	\$2
	1. M. Cline et al.	do	6
	W A Shaw et al	do	6:
	L. A. Welsh et al.	do	1:
	J. G. Linsley et al.	do	1:
	E. C. Vose et al.	do	14 22 13
	T F Townsend et al	do	66
	M. E. Blystone et al.	do	25
	F. Ridgway et al	do	23 43 13
	E. A. Brown et al.	do	13
	E. P. Jones et al.	do	21 59 16
	J. P. Slaughter et al.	do	16
	C. F. von Herrmann et al	do	31
	L. M. Dey et al.	do	29 19 50
	J. H. Scarr et al.		19
	W F. Oliver et al	do	1.
	W. E. Oliver et al. R. J. Hyatt et al. A. Buell et al.	do	17 32 20
	A. Buell et al.	do	20
	F. A. Carpenter et al.	do	13
	E. H. Nimmo et al.  A. G. McAdie et al.  R. M. Hardinge et al.	do	1:
	R. M. Hardinge et al.	do	74 19
			15
	H B Rover et al	do	2:
	F. H. Clarke et al.	do	13
	F. H. Clarke et al. U. G. Purssell et al. G. N. Salisbury et al. Chas. Stewart et al. W. G. Burns et al. A. McC. Ashley et al.	dodo	35
	Chas Stewart et al	- do	1
	W. G. Burns et al.	do	3:
	A. McC. Ashley et al.	do	2:
	L. C. Cover et al.	do	10
	F R Reahan et al	do	1.
	J. M. Watson et al.	do	13
	W. S. Currier et al.	do	2:
	G. T. Todd et al.	do	13
	G. W. Felger et al.	do	10
	S. L. Dosher et al	do	10
	R. B. Harkness et al.	do	1
	W. M. Fulton et al.	do	2
	Geo. Hass Hagen et al.	do	13
	W S Relden et al	do	2:
	G. W. Eddev	do	
	P. Wood	do	
	Chas. Stewart et al. W. G. Burns et al. A. McC. Ashley et al. L. C. Cover et al. N. R. Taylor et al. F. R. Beahan et al. J. M. Watson et al. W. S. Currier et al. G. T. Todd et al. G. T. Todd et al. G. W. Felger et al. R. M. Geddings et al. R. M. Geddings et al. R. B. Harkness et al. W. M. Fulton et al. Geo. Hass Hagen et al. J. S. Hazen et al. G. W. Eddey W. S. Belden et al. G. W. Eddey W. F. Lehman W. C. McGuiness W. L. Day W. G. Wilson G. L. Lovett H. C. Howe J. W. Byram J. L. Cline E. H. Johnson A. Drinkwater	do	28
	W. C. McGuiness	do	,
	W. G. Wilson	do	(
	G. L. Lovett	do	
	H. C. Howe.	do	
	J. W. Byram	do	(
	E H Johnson	do	
	A. Drinkwater E. D. Emigh	do	
	E. D. Emigh	do	
	C. E. Johnson A. H. Bell J. P. Bolton	do	
	I P Rolton	do	
	R. H. Sullivan	do.	
	R. H. Sullivan P. DeGraw C. W. Ling C. C. Garrett	do	
	C. W. Ling	do	(
	H. P. Hardin	00	(
	H. B. Dick	do	
	H. P. Hardin H. B. Dick F. Z. Gosewisch	do.	
	F. Z. Gosensen J. J. Dosher H. F. Alps A. W. Kennie H. McP. Baldwin J. A. Balster H. Legler M. E. Conway L. S. Parrott	do	į
	H. F. Alps.	do	
	H. McP. Baldwin	do	
	J. A. Balster	do	
	H. Legler	do	(
	M. E. Conway	do	(
	L. S. Parrott J. J. Kelliher	do	

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

Date.	Name.	Nature of payment.	Т
1904.			
eb. 29	J. C. Piercy	Salary	
	D. C. Flerey P. McDonough D. C. Grunow L. G. Sutton A. H. Thiessen W. W. Thomas W. D. Maxwell M. Canglel	dő	
	D. C. Grunow	do	
	L. G. Sutton	do	
	A. H. Thiessen	do	
	W. W. Tnomas	00	
	M. Connell	dodo	
	W. D. Maxwell M. Connell T. Gibson J. Lopez M. A. Robinson E. C. Thompson J. R. Williams S. M. Hutton E. C. Hobbs A. E. Heath J. J. O'Donnell F. Newman E. J. Glass	do	
	J. Lonez	do	
	M. A. Robinson	do	
	E. C. Thompson	do	
	J. R. Williams	do	
	S. M. Hutton	do	
	E. C. Hobbs	do	
	A. E. Heath	do	
	J. J. O'Donnell	do	
	F. Newman	do	
	E. J. Glass	do	
	J. C. Hayden	do	
	J. 1. wlameyer.	do	
	U. W. KODETIS.	d0	
	E. J. Giass. J. C. Hayden J. I. Widmeyer O. W. Roberts J. N. Ryker E. H. Johnson R. M. Luckenbach G. W. Scott S. Hockett	do	
	R M Luckenbach	do	
	C W Soott	do	
	G. W. Scott S. Hackett. W. S. Palmer et al. W. U. Simons et al. R. H. Dean et al. T. S. Outram et al. E. A. Evanse et al. J. W. Cronk et al. J. W. Cronk et al. J. J. Gray et al. C. M. Strong et al. D. D. Lane.	do	
	W S Palmer et al	do	
	W. U. Simons et al	do	
	R. H. Dean et al	do	
	T. S. Outram et al.	do	
	E. A. Evans et al	do	
	A. P. Hamlin et al.	do	
	J. W. Cronk et al	do	
	T. B. Jennings et al.	do	
	J. J. Gray et al.	do	
	C. M. Strong et al	do	
	N. D. Lane	do	
	E. L. Renoe	do	
	E. H. Hughes	do	
	W. C. Devereaux.	do	
	C. F. Osborn	do	
	J. W. Lamar	do	
	E. L. Wells et al.	do	
	W.E. Wythe	00	
r. 7	C. M. Plandford	000 9 do	
r. /	W. W. Carliele	do	
	W. W. Carnale	do	
	Dohl Baytar	do	
	A I Kelley	do	
	J. J. Gray et al C. M. Strong et al N. D. Lane E. L. Renoe E. H. Hughes W. C. Devereaux C. F. Osborn J. W. Lamar E. L. Wells et al W. E. Wythe F. P. Evans S. M. Blandford W. W. Carlisle H. W Grasse Dahl Baxter A. J. Kelley C. C. Kelley C. C. Starkey C. E. King F. Horton C. H. Martin E. Bates E. H. Hughes E. A. Stafford A. F. Sims et al F. Jermin et al J. B. Marbury et al L. W. M. Grann et al D. Fisher et al O. L. Fassig et al W. A. Mitchell et al B. H. Bronson et al E. L. Wells et al	do	
	C. C. Starkey	do	
	C. E. King	do	
	F. Horton	do	
15	C. H. Martin	do	
18	E. Bates	do	
	E. H. Hughes	do	
	E. A. Stafford	do	
31	A. F. Sims et al.	do	
	F. Jermin et al.	do	
	R. M. Hardinge et al.	do	
	J. B. Marbury et al.	do	
	E. W. McGann et al.	do	
	D. Fisher et al.	do	
	O. L. Fassig et al.	00	
	W. A. Mitchell et al.	00	
	B. H. Bronson et al.	do	
	E. L. Wells et al.	00	
	W. A. Mitchell et al B. H. Bronson et al E. L. Wells et al J. W. Smith et al D. Cuthbertson et al P. H. Smyth et al J. F. Newsom et al J. H. Smith et al J. H. Smith et al L. N. Jesunofsky et al G. R. Oberholzer et al L. M. Pindell et al W. S. Palmer et al H. J. Cox et al	00	
	D. Cuthpertson et al	do	
	I. D. Navygam et al	dodo	
	J. F. Newsom et al.	dodo	
	J. H. Shillin et al.	dodo	
	G. P. Oberholzer et el	do	
	I M Pindoll of al	dodo	
	W. C. Polmor et al.	do	

ate.	Name.	Nature of payment.	Tota	
04.				
. 31	S. S. Bassler et al. S. J. Kenealy et al. J. Kenealy et al. J. W. Bauer et al. J. W. Bauer et al. J. U. Cline et al. J. L. Cline et al. J. M. C.	alary	\$45	
	J. Kenealy et al	do	44	
	A. E. Hackett et al	do	\$45 44 22	
	J. W. Bauer et al	do	26	
	J. Warren Smith et al	do	51 13	
	J. L. Cline et al.	do	13	
	J. M. Sherier et al F. H. Brandenburg et al G. M. Chappel et al N. B. Conger et al	do	21	
	F. H. Brandenburg et al.	do	62	
	G. M. Chappel et al.	do	62 41 47	
	N. B. Conger et al.	do	47	
	O. Parker et al.	do	16	
	H. W. Richardson et al.	do	31	
	D. C. Murphy et al.		14	
	L. Dorman et al.		14	
	C. P. Wuntz et al.	do	20 19	
	A Brand et al	do	23 13 21	
	N. B. Conger et al.  O. Parker et al.  H. W. Richardson et al.  D. C. Murphy et al.  L. Dorman et al.  T. J. Considine et al.  G. B. Wurtz et al.  A. Brand et al.  T. S. Collins et al.	do	16	
	Coo Pooder et al	do	91	
	Geo. Reeder et al. L. H. Murdoch et al. C. F. Schneider et al. T. W. Conrad et al.	do	21 50	
	C. F. Schneider et al	do	35	
	T. W. Conrad et al	do	14	
	E. R. Demain et al	do	21	
	S. L. Dosher et al	do	14 21 13	
	T. W. Conrad et al E. R. Demain et al S. L. Dosher et al R. B. Harkness et al S. W. Glenn et al W. T. Blythe et al R. G. Allen et al A. J. Mitchell et al W. M. Fulton et al P. Connor et al W. U. Simons et al R. O. Grant et al	do	13	
	S. W. Glenn et al.	do	24	
	W. T. Blythe et al.	do	51	
	R. G. Allen et al.	do	51 31	
	A. J. Mitchell et al.	do	36	
	W. M. Fulton et al.	do	19	
	P. Connor et al.	do	36	
	W. U. Simons et al.	do	19 36 16	
	R. Q. Grant et al.	do	13 12 40 61	
	R. H. Dean et al. E. B. Richards et al. H. B. Hersey et al.	do	12	
	E. B. Richards et al	do	40	
	H. B. Hersey et al.	do	61	
	G. A. Loveland et al.	do	42	
	G. A. Loveland et al G. E. Franklin et al G. N. Wilson et al J. R. Weeks et al H. R. Patrick et al S. C. Emery et al L. A. Denson et al W. M. Wilson et al T. S. Outram et al A. Ashenberger et al F. P. Chaffee et al G. E. Grimes et al	do	42 29 15	
	G. N. Wilson et al	do	15	
	J. R. Weeks et al.	do	13	
	H. R. Patrick et al	do	10	
	S. C. Emery et al.	do	34 14	
	L. A. Denson et al.	do	14	
	W. M. Wilson et al.	do	59 47	
	T. S. Outram et al	do	47	
	A. Asnenberger et al	do	22 35	
	F. P. Chanee et al.	do	36	
	G. E. Grimes et al. L. M. Tarr et al. I. M. Cline et al. E. H. Emery et al.	do	12	
	L. M. Tarr et al.	do	25	
	E. H. Emery et al.		65 71	
	W. A. Cherry et al.	do	15	
	W. A. Shaw et al.	do	22	
	W. A. Shaw et al. J. J. Gray et al. C. M. Strong et al. L. A. Welsh et al. J. G. Linsley et al. E. C. Vose et al. B. Bunnemeyer et al. T. F. Townsond et al.	do	12 33 35	
	I. A Walsh at al	do	31	
	I G Linglay at al	do	15	
	E C Vose et al	do	15 24	
	R Runnemeyer et al	do	14	
	T F Townsend et al	do	70	
	T. F. Townsend et al. M. E. Blystone et al. Geo. Hass Hagen et al. Frank Ridgway et al.	do	25	
	Geo. Hass Hagen et al.	do	14	
	Frank Ridgway et al.	do	14 48	
	E. A. Brown et al.	do	14	
	E. P. Jones et al.	-do	14 22	
	E. A. Beals et al.	do	63 17	
	J. P. Slaughter et al	do	17	
	C. F. von Herrmann et al.	.do	33 44 24	
	E. A. Evans et al.	.do.	44	
	L. M. Dey et al.	do	24	
	J. H. Scarr et al.	do	20	
	E. A. Brown et al. E. P. Jones et al. E. A. Beals et al. J. P. Slaughter et al. J. P. Slaughter et al. C. F. von Herrmann et al. E. A. Evans et al. L. M. Dey et al. J. H. Scarr et al. W. E. Oliver et al. R. J. Hyatt et al. A. Buell et al. F. A. Carpenter et al. E. H. Nimmo A. G. McAdie et al. R. M. Hardinge et al.	do	20 18 35	
	R. J. Hyatt et al.	do	35	
	A. Buell et al.	do	99	
	F. A. Carpenter et al.	do	14	
	E. H. Nimmo	do	10	
	A. G. McAdie et al	do	14 10 80	
	R. M. Hardinge et al A. G. Burns et al H. B. Boyer et al	do	21	
	A C B	do	14	

 $Expenditures\ of\ the\ Department\ of\ Agriculture\ for\ fiscal\ year\ ending\ June\ 30,\ 1904\\ -- Cont'd\ .$ 

e.	Name.	Nature of payment.
1	F. H. Clarke et al. G. N. Salisbury et al. J. W. Cronk et al. U. G. Purssell et al. Chas. Stewart et al. J. S. Hazen et al. W. G. Burns et al. A. McC. Ashley et al. L. C. Cover et al. N. R. Taylor et al. F. R. Beahan et al. J. M. Watson et al. W. S. Currier et al. T. B. Jennings et al. W. S. Belden et al. W. S. Belden et al.	Salary
	G. N. Salisbury et al.	do
	J. W. Cronk et al.	do
	U. G. Purssell et al.	do
	Chas. Stewart et al.	do
	J. S. Hazen et al.	do
	W. G. Burns et al	do
	A. McC. Ashley et al.	do
	M. D. Waylor et al.	00
	F R Reahan et al	do
	I M Watson et al	do
	W. S. Currier et al	do
	T. B. Jennings et al.	do
	W. S. Belden et al.	do
	G. T. Todd et al	do
	W. S. Belden et al G. T. Todd et al G. W. Felger et al W. E. Donaldson et al	do
	W. E. Donaldson et al	do
	H. C. Cooke et al.	do
	C. W. Eddov	0D
	Peter Wood	do
	W. E. Dollattosh et al. H. C. Cooke et al. E. H. Bowie et al. G. W. Eddey. Peter Wood. W. C. McGuiness. W. L. Day. G. L. Lovett.	do
	W. L. Day	do
	G. L. Lovett	do
	J. W. Byram	dodo
	A. Drinkwater E. D. Emigh	do
	E. D. Emigh	do
	C. E. Johnson A. H. Bell J. A. Barwick J. P. Bolton	do
	A. H. Bell	do
	J. A. Barwick	00
	J. P. Botton.	do
	P H Sullivan	do
	R. H. Sullivan O. L. Blue M. W. Hayes	do
	M. W. Haves	do
	P. De Graw	1 00
	C. W. Ling C. C. Garrett	do
	C. C. Garrett	do
	H. P. Hardin H. B. Diek	do
	H. B. Dick	do
	F. Z. Gosewisch J. J. Dosher	do
	R. M. Williamson	do
	G W Scott	do
	H. F. Alps	do
	A. W. Kennie	do
	R. M. Willamson J. B. Samuel G. W. Scott H. F. Alps. A. W. Kennie H. McP. Baldwin H. W. Grasse H. Legler I. Driscow	do
	H. W. Grasse	do
	H. Legler	do
	J. Driscow.	do
	B. J. Sherry	do
	H. Leger. J. Driscow. B. J. Sherry. M. E. Conway. L. S. Parrott. J. J. Kelliher. J. C. Piercy. P. McDonough. D. C. Grunow. L. G. Sutton.	do
	L. S. Parrott	do
	J. J. Kelliner	do
	P. McDonough	dodo
	D. C. Grunow	do
	L. G. Sutton	do
	W. W. Thomas	.do
	A H Thiessen	do
	D. C. Grunov L. G. Sutton W. W. Thomas A. H. Thiessen W. D. Maxwell M. Connell	do
	M. Connell	do
	T. Gibson	do
	T. Gibson J. Lopez	do
	J. Lopez. M. A. Robinson. E. C. Thompson. J. R. Williams. E. C. Hobbs. F. P. Evans. A. E. Heath. J. J. O'Dónnell. F. Newman. J. C. Hayden.	do
	E. C. Thompson	do
	J. R. Williams	do
	E. C. Hobbs	do
	F. P. Evans	
	A. E. Heath	do
	F. Nowman	do
	I C Haydan	do
	J. C. Hayden J. I. Widmeyer O. W. Roberts. J. N. Ryker	do

## Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total.
1904.			
[ar. 31	S. Hackett	Salary	\$61.
	N. D. Lane	do	102.
	E. J. Glass.	do	102. 102. 58.
	S. Hackett. N. D. Lane. E. J. Glass. J. A. Balster H. C. Bate et al	do	519.
	Total third quarter		117 952
mm 0	Form that quarter  G. S. Nichols G. S. Jones C. C. Starkey A. J. Kelley C. C. Kelley D. Baxter W. A. Beesley F. Haxton A. F. Sims et al F. Jermin et al R. M. Geddings et al J. B. Marbury et al E. W. McGann et al D. Fisher et al O. L. Fassig et al W. E. Donaldson et al W. A. Mitchell et al B. H. Bronson et al E. L. Wells et al	Salary	115.
pr. 8	G. S. Jones	do	24. 37.
	C. C. Starkey	do	37.
	C. C. Kelley	do	30. 36.
	D. Baxter	do	34.
15 18	W. A. Beesley	do	13. 27. 232.
18 30	F. Haxton	do	27.
90	F. Jermin et al.	do	138.
	R. M. Geddings et al	do	168. 415. 245.
	J. B. Marbury et al.	do	415.
	D. Fisher et al	do	245. 156.
	O. L. Fassig et al.	do	428.
	W. E. Donaldson et al	do	166.
	W. A. Mitchell et al	do	128. 245.
	E. L. Wells et al	-do	146.
	J. W. Smith et al.	do	776.
	D. Cuthbertson et al.	do	463. 215.
	P. H. Smyth et al.	do	215. 220.
	J. H. Smith et al.	do	189.
	L. N. Jesunofsky et al.	do	232 189
	L. M. Pindell et al.	do	189.
	W. S. Paimer et al.		153. 949.
	S. S. Bassler et al.	do	436
	James Kenealy et al	do	436 426
	A. E. Hackett et al.	do	217.
	J. Warren Smith et al		260 522
	J. L. Cline et al	do	128
	J. M. Sherier et al.	do	206
	Geo. M. Channel et al		608 403
	N. B. Conger et al.	do	504
	O. Parker et al	do	156
	H. W. Richardson et al.	do	275
	Louis Dorman et al	do	138
	T. J. Considine et al.	do	138 229
	A. Brand et al.	do	206
	T. S. Collins et al	do	158 176
	L. H. Murdoch et al	do	486
	C. F. Schneider et al.	do	486 311
	F. W. Conrad et al.	do	138
	E R Demain et al	do	168 206 219
	R. F. Young et al	do	219
	R. B. Harkness et al.	do	128
	S. W. Glenn et al	do	235
	R. G. Allen et al.	do	235 497 346
	A. J. Mitchell et al	do	356
	P. Connor et al.	do	356
	W. U. Simons et al	do	356 150 222
	R. H. Dean et al.	do	123
	O. L. Fassig et al W. E. Donaldson et al W. A. Mitchell et al B. H. Bronson et al E. L. Wells et al J. W. Smith et al D. Cuthbertson et al P. H. Smyth et al J. F. Newsom et al J. F. Newsom et al J. F. Newsom et al J. F. Susunofsky et al L. M. Jesunofsky et al L. M. Jesunofsky et al L. M. Pindell et al W. S. Palmer et al H. J. Cox et al S. S. Bassler et al J. M. Senealy et al A. E. Hackett et al J. Warren Smith et al J. W. Suren Smith et al J. W. Sherier et al J. W. Sherier et al J. M. Sherier et al J. W. Sherier et al J. M. Sherier et al J. S. Colline et al N. B. Conger et al O. Parker et al H. W. Richardson et al D. C. Murphy et al Louis Dorman et al T. J. Considine et al A. Brand et al T. S. Collins et al Geo. Recder et al L. H. Murdoch et al E. R. Demain et al B. L. Waldron et al E. R. Demain et al R. B. Harkness et al S. W. Glenn et al R. G. Allen et al A. J. Mitchell et al P. Connor et al R. B. Hitchell et al P. Connor et al R. B. Richards et al G. A. Loveland et al E. B. Richards et al G. N. Wilson et al H. B. Hersey et al G. A. Loveland et al C. F. Sranklin et al H. B. Hersey et al G. A. Loveland et al C. F. Special et al C.	do	413
	E. B. Richards et al	do	403
	H. B. Hersey et al	do	281 591
	G. N. Wilson et al.	do	148
	H. R. Patrick et al.	do	158
	S. C. Emery et al.	do	331 138
	LL. A. Denson et al	.1	138

e.	A. Ashenberger et al. F. P. Chaffee et al. G. E. Grimes et al. H. C. Bate et al. H. C. Bate et al. L. M. Tarr et al. I. M. Cline et al. E. H. Emery et al. J. J. Gray et al. V. A. Shaw et al. C. M. Strong et al. L. A. Welsh et al. L. A. Welsh et al. J. G. Linsley et al. E. C. Vose et al. B. Bunnemeyer et al. T. F. Townsend et al. Geo. Hass Hagen et al. F. Ridgway et al. E. P. Jones et al. E. A. Brown et al. J. P. Slaughter et al. C. F. von Herrmann et al. E. A. Brown et al. J. P. Slaughter et al. C. F. von Herrmann et al. E. A. Evans et al. L. M. Dey et al. J. H. Scarr et al. E. H. Bowie et al. W. E. Oliver et al. R. J. Hyatt et al. A. Buell et al. F. A. Carpenter et al. H. C. Cooke et al. E. H. Nimmo et al. A. G. McAdie et al. R. M. Hardinge et al. R. M. Hardinge et al. R. G. N. Salisbury et al. J. W. Cronk et al. J. W. Cronk et al. J. S. Hazen et al. J. R. T. Todd et al. R. R. Taylor et al. R. R. T	Nature of payment.
1.		
30	A. Ashenberger et al	Salary
	F. P. Chaffee et al.	do
	G. E. Grimes et al.	do
	I. M. Tarret al	do
	L. M. Cline et al	do
	E. H. Emery et al.	do
	J. J. Gray et al	do
	W. A. Shaw et al.	do
	C. M. Strong et al.	do
	L. A. Welsh et al.	do
	E. C. Vose et al	do
	B. Bunnemeyer et al.	do
	T. F. Townsend et al	do
	Geo. Hass Hagen et al	do
	F. Ridgway et al.	do
	E. P. Jones et al.	00
	E. A. Bears et al	do .
	J. P. Slaughter et al	do
	C. F. von Herrmann et al.	do
	E. A. Evans et al.	do
	L. M. Dey et al	do
	J. H. Scarr et al.	do
	E. H. Bowie et al.	00
	W. E. Uliver et al	do
	A Buell of al	do
	F. A. Carpenter et al.	do
	H. C. Cooke et al.	do
	E. H. Nimmo et al	do
	A. G. McAdie et al	do
	R. M. Hardinge et al	do
	A. G. Burns et al.	do
	F H Clarks at al	do
	G. N. Salisbury et al	do
	J. W. Cronk et al.	do
	U. G. Purssell et al	do
	Charles Stewart et al	do
	W. G. Burns et al.	do
	J. S. Hazen et al.	do
	L. C. Cover et al	do
	N. R. Taylor et al	do
	F. R. Beahan et al.	do
	J. M. Watson et al	do
	W. S. Currier et al	do
	T. B. Jennings et al.	00
	G T Todd et al	do
	G. W. Felger et al	do
	G. R. Oberholzer et al	do
	S. L. Dosher et al.	do
	R. Q. Grant et al	do
	G. W Eddey	do
	P. Wood	00
	W. C. McGuiness	do
	W. G. Wilson	do
	G. L. Lovett	do
	H. C. Howe	do
	J. W. Byram	do
	A. Drinkwater	do
	C. E. Ashcraft, jr.	do
	C. E. Johnson	do
	I A Rarwick	do
	J. P. Bolton	do
	R. H. Sullivan	do.
	P. De Graw	do
	C. W. Ling	do
	C. C. Garrett.	do
	H. P. Hardin	00
	H. B. Dick	0D
	I. J. Docher	dodo
	J.J. Dusher	

WEATHER	BUREAU,	${\tt GENERAL}$	EXPENSES,	${\tt SALARIES-\!-Continued}.$	

Date	Name.	Nature of payment.	Total.
1904	T. D. Alice	G-1	600 40
Apr. 3	H. F. Alps	Salary	\$82.40 25.00
	A. W. Kennie H. McP. Baldwin H. W. Grasse	do.	82.40 82.40
	H. W. Grasse	do	82.40
	H. Legler J. A. Balster B. J. Sherry John Driscow	do	69. 20 59. 30
	B. J. Sherry	do	49.50 49.50
	John Driscow	do	49.50
	M. E. Conway L. S. Parrott J. J. Kelliher J. C. Piercy	do	69.20 59.30
	J. J. Kelliher	do	82.40 98.90
	J. C. Piercy P. McDonough	do	98.90 98.90
	P. McDonough D. C. Grunow L. G. Sutton A. H. Thiessen W. W. Thomas A. B. Wollaber W. D. Maxwell M. Connell Thomas Gibson	do	82.40
	L. G. Sutton	do	69.20
	A. H. Thiessen	do	123.60
	A. B. Wollaber	do	69.20 107.10
	W. D. Maxwell	do	107.10 98.90 98.90
	M. Connell	do	98.90
	Thomas Gibson	do	82.40 123.60
	J. Lopez	do	39.60
	E. C. Thompson J. Lopez J. R. Williams E. C. Hobbs	do	98.90
	E. C. HODDS	do	82.40 59.30
	F. P. Evans A. E. Heath J. J. O'Donnell	do	59.30
	J. J. O'Donnell.	do	82.40
	F. Newman E. J. Glass		98.90 98.90
	J. C. Hayden	do.	82.40
	J. I. Widmeyer	do	98.90
	O. W. Roberts	do	98.90 98.90
	S. Hackett	do	59.30
	M. E. Blystone et al.	do	245.60
	J. R. Weeks et al.	do	128.60 543.92
	E. J. Glass. J. C. Hayden J. I. Widmeyer O. W. Roberts J. N. Ryker S. Hackett M. E. Blystone et al J. R. Weeks et al. W. M. Wilson et al E. D. Emigh M. W. Hayes N. D. Lane	do	82.40
	M. W. Hayes	do	82.40 74.18
May	N. D. Lane G. B. Wurtz et al L. Rafter E. B. Neff	do	98.90 128.60
may	L. Rafter.	do	31.00
1	E. B. Neff	do	2.00
	Lester Hamilton	do	26.00 12.00
	C. C. Starkey A. J. Kelley C. C. Kelley Dahl Baxter	do	36,00
	A. J. Kelley	do	31.50 34.50
	Dahl Baxter	dodo	34.50
	S. H. Barrett Herbert Towner	do	8.00
1	Herbert Towner. W. S. Rouse	do	18.00
,	w.s. house	do	11.87 7.00
	W. J. Reynick	do	7.00
9	do W. J. Reynick C. J. Freburger M. A. Robinson	do	16.00
2	M. A. Robinson 1 A. F. Sims et al. F. Jermin et al. R. M. Geddings et al. J. B. Marbury et al. E. W. McGann et al. D. Fisher et al. W. E. Donaldson et al. W. A. Mitchell et al. B. H. Bronson et al.	do	69. 20 240. 20
	F. Jermin et al.	do	143.00
	R. M. Geddings et al.	do	173.80 429.40
	E. W. McGann et al	do	253, 80
	D. Fisher et al.	do	161.80 172.20
	W. E. Donaldson et al	do	172.20 $132.80$
	B. H. Bronson et al.	do	253.80
	E. L. Wells et al	do	151.60
	J. W. Smith et al	do	802.20 478.80
	P. H. Smyth et al.	do	182.40
	J. F. Newsom et al.	do	228, 40
	J. H. Smith et al.	do	196, 00
	G. R. Oberholzer et al	do	240.20 143.00
	L. M. Pindell et al.	do	196.00
	W. S. Palmer et al	do	199.40
	S. S. Bassler et al.	do	981.30 451.60
	W. A. Mitchell et al B. H. Bronson et al E. L. Wells et al J. W. Smith et al D. Cuthbertson et al P. H. Smyth et al J. F. Newsom et al J. H. Smith et al L. N. Jesunofsky et al G. R. Oberholzer et al L. M. Pindell et al W. S. Palmer et al H. J. Cox et al S. S. Bassler et al J. Kenealy et al	do	441.40

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

Date.	Name.	Nature of payment.	Total
1904.	A. E. Hackett et al.  J. W. Bauer et al.  J. W. Bauer et al.  J. L. Cline et al.  J. M. Sherier et al.  C. M. Chappel et al.  O. Parker et al.  D. C. Murphy et al.  L. Dorman et al.  T. J. Considine et al.  G. B. Wurtz et al.  A. Brand et al.  C. S. Collins et al.  G. Reeder et al.  L. H. Murdoch et al.  C. F. Schneider et al.  E. W. Conrad et al.  B. L. Waldron et al.  S. L. Dosher et al.  E. R. Demain et al.  C. R. B. Harkness et al.  G. R. G. Allen et al.  G. W. Glenn et al.  G. W. Glenn et al.  G. W. Glenn et al.  G. R. G. Allen et al.  A. J. Mitchell et al.  P. Connor et al.  W. M. Fulton et al.  G. A. Loveland et al.  G. A. Loveland et al.  G. B. Hersey et al.  G. C. Ermery et al.  G. B. Hersey et al.  G. C. Ermery et al.  G. B. C. Emery et al.  G. B. F. P. Chaffee et al.  G. C. Franklin et		
ay 31	A. E. Hackett et al Sala J. W. Bauer et al C J. Warren Smith et al	ry	\$225 269 540
•	J. W. Bauer et al	lő	269
	J. Warren Smith et al	lo	540
	J. L. Cline et al.	lo	132 213 628 417
	J. M. Sherier et al.	lo	213
	C. M. Channel et al	10	628
	N. P. Congon et al.	10	417
	O Parker et al	10	521
	D. C. Murphy et al	io	161 143
	L. Dorman et al.	10	143
	T. J. Considine et al.	lo	236
	G. B. Wurtz et al.	lo	132
	A. Brand et al	lo	213
	T. S. Collins et al	lo	143 236 132 213 163
	G. Reeder et al.	10	182 502
	L. H. Murdoch et al.	10	502
	C. F. Schneider et al.	10	322 143 173 136 213
	P. W. Conrad et al.	10	143
	S. T. Doghor et al.	10	173
	E R Demain et al	lo	213
	R. F. Young et al	10	226
	R. B. Harkness et al	10	226 132 213
	S. W. Glenn et al	lo	213
	W. T. Blythe et al.	lo	514 357 296
	R. G. Allen et al.	lo	357
	A. J. Mitchell et al	lo	296
	P. Connor et al	lo	368 230
	W. M. Fulton et al	10	230
	R. Q. Grant et al	10	132 127
	R. H. Dean et al.	10	127
	E D Dichards et al.	10	325 417 611
	H B Horsey et al	IO	611
	G F Franklin at al	io	901
	G. N. Wilson et al	io	153
	J. R. Weeks et al	0	139
	H. R. Patrick et al.	lo	291 153 132 163
	S. C. Emery et al.	lo	342
	L. A. Denson et al	lo	143
	W. M. Wilson et al	lo	342 143 582 429
	T. S. Outram et al	10	429
	A. Ashenberger et al	10	223 357 126
	F. P. Chaffee et al.	10	357
	U. E. Grimes et al.	10	470
	I. M Torratal	IO	253
	I. M. Cline et al	io	649
	E. H. Emery et al	0	717
	J. J. Grav et al.	lo	349
	W. A. Shaw et al.	lo	127
	L. A. Welsh et al	lo	470 253 642 717 349 127 318 356 153 243
	C. M. Strong et al.	10	356
	J. G. Linsley et al.	10	153
	E. C. Vose et al.	10	243
	T. F. Townsond et al.	10	700
	M F Rivetone et al	10	707 253 143
	G. Hass Hagen et al	10	143
	F. Ridgway et al.	10	480
	W. J. Olds et al.	lo	143
	E. P. Jones et al	do	220
	E. A. Beals et al	lo	603
	J. P. Slaughter et al	10	480 145 226 603 173
	C. F. von Herrmann et al.	10	356
	E. A. Evans et al	10	356 426 243
	L. M. Dey et al.	10	243
	F. H. Powie et al.	10	679
	W F Oliver et al	io	204 678 187
	R I Hyatt et al	10	340
	A Ruell et al	10	223
	H. C. Cooke et al	10	223 133 240
	E. C. Thompson et al.	lo	240
	F. A. Carpenter et al	lo	143
	E. H. Nimmo et al.	lo	132 800
	4 6 35 4 31 4 3	3	900

Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd.

WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total
904.			
y 31	A. G. Burns et al.	Salary	\$151
	A. G. Burns et al.  H. B. Boyer et al.  F. H. Clarke et al.  G. N. Salisbury et al.  J. W. Cronk et al.  U. G. Purssell et al.  W. G. Burns et al.  J. S. Hazen et al.  O. Starent et al.	00	243
	G N Salishury at al	do	219 301
	J. W. Cronk et al.	do	122
	U. G. Purssell et al	do	213
	W. G. Burns et al.	do	213 351 143
	J. S. Hazen et al.	do	143
	J. S. Hazen et al. C. Stewart et al. M. R. Sanford et al. L. C. Cover et al. N. R. Taylor et al. F. R. Beahan et al. I. M. Weten et al.	do	182 115
	L. C. Cover et al	do	172
	N. R. Taylor et al	do	172 163
	F. R. Beahan et al	do	163
	J. M. Watson et al. T. B. Jennings et al. W. S. Currier et al.	do	143 243 240
	W. C. Currier et al	do	243
	W S Roldon of al	do	301
	G. T. Todd et al	do	151
	G. W. Felger et al	do	173
	P. Wood	do	102
	G. W. Eddey	do	151 173 102 102
	I A Rarry	dodo	102
	W. S. Currier et al.  W. S. Belden et al.  G. T. Todd et al.  G. W. Felger et al.  P. Wood.  G. W. Eddey.  W. C. McGuiness.  J. A. Barry.  W. L. Day.  C. L. Lovett.  H. C. Howe.  J. W. Byram.  A. Drinkwater.  E. D. Emigh	do	102 85 102
	C. L. Lovett	do	*);
	H. C. Howe	do	102
	J. W. Byram	do	102 102 61
	A. Drinkwater	do	61 85
	E. D. Emigh	do	61
	C. E. Johnson N. D. Lane A. H. Bell	do	61 102 102
	A. H. Bell	do	102
	A. Barwick L. G. Sutton J. P. Bolton R. H. Sullivan	do	61
	L. G. Sutton	do	71 102 102
	J. P. Bolton	do	102
	C W Ling	do	
	C. W. Ling. C. C. Garrett. H. P. Hardin. H. B. Dick.	do	71
	H. P. Hardin	do	85
	H. B. Dick	do	85
	H. B. Dick F. Z. Gosewisch W. U. Simons J. J. Dosher G. W. Scott H. F. Alps A. W. Kennie H. W. Grasse J. A. Balster	do	85 71 85 85 102 102 61 102
	W. U. Simons	00	102
	G. W. Scott	do	102
	H. F. Alps	do	85
	A. W. Kennie	do	25 85 61
	H. W. Grasse	do	85
	J. A. Balster	do	61 51
	J. Driscow B. J. Sherry H. Legler W. E. Conway L. S. Parrott	do	51
	H. Legler	do	71
	M. E. Conway	do	71 71
	L. S. Parrott	do	61
	J. J. Kelliher J. C. Piercy P. McDonough	do	88 102 102
	P. McDonough	0	102
	A. B. Wollaber	do	
	A. H. Thiessen	do	127 71 110
	W. W. Thomas	do	71
	A. B. Wollaber	do	110
	W. D. Maxwell	do	
	A. D. Wolladel W. D. Maxwell M. Connell T. Gibson J. R. Williams F. C. Hobbs	dodo	102
	J. R. Williams	do	102 85 102 85
	E.C. Hobbs	do	85
	F. P. Evans	do	61
	F. C. Hobbs F. P. Evans A. McC. Ashley A. E. Heath J. J. O'Donnell	do	61 127 61
	A. E. Heath	0D	61
	F. Newman	do	109
	E.J. Glass	do	102
	J. C. Hayden	do	85
	J. I. Widmeyer.	do	102
	J. N. Ryker	do	85 102 102 85 102 102 61 344
	J. J. O'Donnell F. Newman E. J. Glass J. C. Hayden J. I. Widmeyer J. N. Ryker S. Hackett O. L. Fassig et al H. W. Richardson et al H. E. Hobbs S. E. Bond	0D	61
	H W Richardson et al	do	312

### $Expenditures\ of\ the\ Department\ of\ Agriculture\ for\ fiscal\ year\ ending\ June\ 30,\ 1904-{\rm Cont'd}.$

ate.	Name.	Nature of payment.	Tota	
904.				
e 3	P. W. Knopf Sal P. DeGraw H. McP. Baldwin O. W. Roberts D. R. Morris C. Shultz E. M. Dearing D. Baxter C. C. Starkey A. J. Kelley C. C. Kelley P. Baur Lester Hamilton E. C. Vaughn S. H. Barrett E. W. Holcomb H. C. Finch J. R. Cole E. W. Holcomb	ary	\$1	
	H. McP. Baldwin	.do	8	
	O. W. Roberts	.do	10	
9	D. R. Morris	.do	8 8 8 10 7 2 1 3	
	C. Shultz	.do	2	
	D. Baxter	-do	3	
	C. C. Starkey.	.do	3	
	A. J. Kelley	.do	3 3	
15	C. C. Kelley	do	3	
10	Lester Hamilton	do	2	
	E. C. Vaughn	.do		
	S. H. Barrett.	.do	3	
	H. C. Finch	-do	1	
22 30	J. R. Cole	.do	i	
30	E. W. Holcomb	.do	0	
	Peter Wood	-do	9	
	W. C. McGuinness	.do	9 9 9	
	J. R. Cole E. W. Holcomb G. W. Eddey Peter Wood W. C. McGuinness W. L. Day G. L. Lovett P. W. Knopf H. C. Howe J. W. Byram A. Drinkwater E. D. Emigh C. E. Johnson N. D. Lane A. H. Bell J. A. Barry	.do	9 2 1	
	P. W. Knopf	do	2	
	H. C. Howe	-do	9	
	J. W. Byram	.do	99	
	A. Drinkwater	.do	5	
	C. F. Johnson	do	8	
	N. D. Lane	.do	599	
	A. H. Bell.	.do	9	
	J. A. Barry	.do	8	
	J. P. Bolton	-do	9	
	J. A. Barry D. S. Landis J. P. Bolton R. H. Sullivan	.do	9	
	Paul DeGraw	.do	8 8 12	
	A McC Ashley	do	19	
	R. H. Sulhvan Paul DeGraw C. W. Ling A. McC. Ashley James Jones H. E. Hobbs D. R. Morris H. P. Hardin H. B. Dick F. G. Gosewisch J. J. Dosher G. W. Scott	do	5	
	H. E. Hobbs	.do	4	
	D. R. Morris	.do	5 4	
	H B Dick	-do	8	
	F. G. Gosewisch	.do	8	
	J. J. Dosher	.do	ð	
	H F Alps	do	9	
	A. W. Kennie	.do	8 2	
	H. C. Finch	.do	7	
	H. W. Grasse	.do	8	
	J. A. Balster	-do	8 6 5	
	B. J. Sherry.	.do	4	
	J. Driscow.	.do	4	
	J. J. Dosher. G. W. Scott. H. F. Alps. A. W. Kennie. H. C. Finch. H. W. Grasse. H. Legler J. A. Balster B. J. Sherry. J. Driscow. M. E. Conway. L. S. Parrott. J. J. Kelliher J. C. Piercy P. Mc Donough. B. Bunnemeyer D. C. Grunow. W. W. Thomas A. H. Thiessen. L. G. Sutton	do	44 6 5	
	J. J. Kelliher	do	8	
	J. C. Piercy	.do	9	
	P. McDonough	.do	9	
	D. C. Grunow	-do	8	
	W. W. Thomas	.do	9 8 6	
	A. H. Thiessen	.do	12	
	L. G. Sutton A. B. Wollaber	do	12 6 10	
			u	
	M. Connell Thos. Gibson. J. R. Williams U. G. Purssell E. C. Hobbs F. P. Evans N. R. Taylor.	.do	8	
	J. R. Williams	.do	8 9 10	
	E. C. Hobbs	do	10	
	F. P. Evans	.do	8 5 9	
	N. R. Taylor	.do	9	
	A. E. Heath	.do	5 8 5	
	A. E. Heath J. J. O'Donnell J. A. Barwick F. Newman	do	5	
	F. Newman	.do	9	
	E. J. Glass. J. C. Hayden J. I. Widmeyer	.do	9.	
	I C Haydon	do	8	

 $\label{lem:expenditures} Expenditures of the \ Department of \ Agriculture for fiscal \ year \ ending \ June \ 30, \ 1904-\text{Cont'd}.$ 

WEATHER	BUREAU,	GENERAL	EXPENSES,	SALARIES—Continued.

D. P. McCallum O. W. Roberts J. N. Ryker S. Hackett R. M. Geddings et al C. F. Schneider et al W. U. Simons et al J. R. Weeks et al S. C. Emery et al F. P. Chaffee et al J. H. Scarr et al W. E. Oliver et al H. C. Cooke et al A. F. Sims et al J. B. Marbury et al E. W. McGann et al	Salary	1
D. P. McCallum O. W. Roberts J. N. Ryker S. Hackett S. Hackett W. J. Simons et al J. R. Weeks et al J. R. Weeks et al J. R. Weeks et al J. R. C. Emery et al J. H. Scarr et al W. E. Oliver et al W. E. Oliver et al H. C. Cooke et al A. F. Sims et al	Salary	\$ 1 3 10
O. W. Roberts J. N. Ryker S. Hackett R. M. Geddings et al C. F. Schneider et al W. U. Simons et al J. R. Weeks et al S. C. Emery et al F. P. Chaffee et al J. H. Scarr et al W. E. Oliver et al H. C. Cooke et al A. F. Sims et al		10 3: 16
N. Ryker		16 3: 16
S. Hackett. S. Hackett. C. F. Schneider et al. W. U. Simons et al. J. R. Weeks et al. S. C. Emery et al. F. P. Chaffee et al. J. H. Scarr et al. W. E. Oliver et al. H. C. Cooke et al. A. F. Sims et al.		16 3: 16
C. F. Schneider et al. W. U. Simons et al. J. R. Weeks et al. S. C. Emery et al. F. P. Chaffee et al. J. H. Scarr et al. W. E. Oliver et al. H. C. Cooke et al. A. F. Sims et al.		3:
W. U. Simons et al. J. R. Weeks et al. C. Emery et al. F. P. Chaffee et al. J. H. Scarr et al. W. E. Oliver et al. H. C. Cooke et al. A. F. Sims et al.	dodododododod	16
J. R. Weeks et al. S. C. Emery et al. F. P. Chaffee et al. J. H. Scarr et al. W. E. Oliver et al. H. C. Cooke et al. A. F. Sims et al.	do do do do	15
S. C. Emery et al. F. P. Chaffee et al. J. H. Scarr et al. W. E. Oliver et al. H. C. Cooke et al. A. F. Sims et al.	do do do	
F. P. Chaffee et al. J. H. Scarr et al. W. E. Oliver et al. H. C. Cooke et al. A. F. Sims et al.	do	വ
J. H. Scarr et al. W. E. Oliver et al. H. C. Cooke et al. A. F. Sims et al.	dodo	34 19 18
H. C. Cooke et al		19
A. F. Sims et al	do	15
a. r. omis co ar	do	25
J. B. Marbury et al	do	25 41 20
E. W. McGann et al	do	20
D. Fisher et al	do	13
O. L. Fassig et al	do	40
W. E. Donaldson et al	oo	16 40 16 24
F. I. Walls at al	do	1/
D. Cuthbertson et al	do	14 46 17
P. H. Smyth et al.	do	17
J. F. Newsom et al.	do	22
J. H. Smith et al	do	18
L. N. Jesunofsky et al.	do	28 18
G. R. Oberholzer et al	do	13
L. M. Pindell et al	do	18
W. S. Paimer et al	do	20
S S Rassler et al	do	94 43
Kenealy et al.	do	45
Geo. Reeder et al	do	20
W. Bauer et al	do	26
Warren Smith et al	do	52
L. Cline et al	do	12
F. H. Brandonburg et al	do	20 58
3 M Channel et al	do	4(
N. B. Conger et al.	do	50
O. Parker et al	do	13
H. W. Richardson et al	do	30
D. C. Murphy et al.	do	13
E. A. Brown et al.		12
R Wurtz et al	do	19
A Brand et al.	do	20
Γ. S. Collins et al	do	20 18 48
L. H. Murdoch et al	do	48
	do	1.3
B. L. Waldron et al.	do	16 20 13
S. I. Doshar at al	do	15
R B Harkness et al	do	10
S. W. Glenn et al.	do	12 22 49 35
W. T. Blythe et al.	do	49
R. G. Allen et al	do	35
A. J. Mitchell et al	- do	34 35
P. Connor et al.	do	35
W. M. FUITON et al.	00	22 23
3 A Loveland et al	do	46
E. B. Edwards et al.	do	46 40 28 59
G. E. Franklin et al.	do	28
		59
G. N. Wilson et al.	do	14
1. K. Patrick et al.	do	14 15 13
W. M. Wilson et al.	00	13
r. S. Outram et al	do	49
A. Ashenburger et al	do	49 41 21 12
G. E. Grimes et al.	do.	12
H. C. Bate et al.	do	45
L. M. Tarr et al	do	24
M. Cline et al	do	62
E. H. Emery et al.	do	58
V A Show et al	00	33 12 30
M Strong at al	do	12
THE TOTAL PROPERTY OF THE PROP	C. L. Wells et al.  C. Cuthbertson et al.  P. H. Smyth et al.  J. F. Newsom et al.  J. F. Newsom et al.  J. H. Smith et al.  L. N. Jesunofsky et al.  G. R. Oberholzer et al.  J. M. Pindell et al.  W. S. Palmer et al.  W. S. Palmer et al.  J. Cox et al.  S. S. Bassler et al.  J. Kenealy et al.  Geo. Reeder et al.  J. Warren Smith et al.  J. Warren Smith et al.  J. Cline et al.  J. M. Sherier et al.  J. M. Sherier et al.  J. M. Chappel et al.  J. M. Chappel et al.  J. D. Parker et al.  J. J. Considine et al.  J. B. Wurtz et al.  J. H. Murdoch et al.  J. H. Waldron et al.  J. H. Waldron et al.  J. L. Dosher et al.  J. L. Dosher et al.  J. J. Connor et al.  J. J. Connor et al.  J. J. Connor et al.  J. J. J. Considine et al.  J. J. L. Bartlett et al.  J. J. L. Bartlett et al.  J. J. J. J. Connor et al.  J. J. J. J. Connor et al.  J. J	A. Brand et al

## Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. WEATHER BUREAU, GENERAL EXPENSES, SALARIES—Continued.

Date.	Name.	Nature of payment.	Total
1904.	J. G. Linsley et al. E. C. Vose et al. T. F. Townsend et al. M. E. Blystone et al. Geo. Hass Hagen et al. F. Ridgway et al. V. J. Olds et al. E. P. Jones et al. E. A. Beals et al. J. P. Slaughter et al. C. F. von Herrmann et al. E. A. Evans et al. L. M. Dey et al. E. H. Bowie et al. R. J. Hyatt et al. A. Buell et al. F. A. Carpenter et al. E. H. Nimmo et al. E. C. Thompson et al. E. C. Thompson et al. E. C. Thompson et al. C. E. Linney et al. A. G. Burns et al. A. G. Burns et al. C. E. Linney et al. C. E. Linney et al. J. W. Cronk et al. C. Stewart et al. C. Cover et al. C. Cover et al. C. T. Todd et al. F. R. Beahan et al. J. M. Watson et al. G. W. Felger et al. G. W. Felger et al. F. Ferrin et al. C. Finch H. Mer Baldwin J. E. Webb W. D. Maxwell J. W. Smith et al. M. T. Nesmith J. E. Webb W. D. Maxwell J. W. Smith et al. M. T. Nesmith J. E. Webb W. D. Maxwell J. W. Smith et al. M. T. Nesmith J. E. Webb W. D. Maxwell J. W. Barliwell L. Hamilton T. B. Jennings et al B. C. Kadel A. B. Stilwell L. Hamilton T. B. Jennings et al B. C. Kadel A. B. Stilwell R. L. Fisher Total fourth quarter	~ .	
ine 30	J. G. Linsley et al.	Salary	\$148 235 640
	T. F. Townsend et al.	do	640
	M. E. Blystone et al	do	245
	Geo. Hass Hagen et al	do	138
	W. J. Olds et al.	do	464 138
	E. P. Jones et al.	do	219
	E. A. Beals et al.	do	501 168
	J. P. Slaughter et al.	do	168 381
	E. A. Evans et al.	do	412
	L. M. Dey et al	do	412 235
	E. H. Bowie et al.	do	713
	A Buell et al	do	329 215
	F. A. Carpenter et al	do	215 138
	E. H. Nimmo et al.	do	128
	A. G. McAdie et al.	do	$\frac{774}{232}$
	C. E. Linney et al	do	206
	A. G. Burns et al.	do	146 235 89
	H. B. Boyer et al.	do	235
	C. L. Mills et al.	do	291
	J. W. Cronk et al	do	128
	C. Stewart et al.	do	128 176
	Wm. G. Burns et al.	do	339
	R M Hardings et al	do	138 235
	L. C. Cover et al.	do	166
	F. R. Beahan et al.	do	158
	J. M. Watson et al.	do	138 232
	W. S. Currier et al	do	345
	G. T. Todd et al	do.	146 168
	G. W. Felger et al.	do	168
	F. Jermin et al.	do	138 128
	E. M. Dearing	do	26
	H. C. Finch	do	18
	H. McP. Baldwin	do	82
	J. E. Webb	do	30
	J. W. Smith et al.	do	714
	M. T. Nesmith	do	27 17
	do	do	17
	M. R. Landis	dodo	16 98
	F. Furr	do	13
	A. B. Stilwell.	do	13 16
	L. Hamilton	do	18
	B. C. Kadel	do	238 69
	A. B. Stilwell	do	17
	R. L. Fisher	do	17
	Total fourth quarter		117,890
	Supplemental.		111,000
ly 7	L. E. Hamilton F. H. Clarke L. M. Purssell D. Baxter A. J. Kelley C. C. Starkey C. C. Kelley P. Bauer S. H. Barrett J. S. Tyrrell R. F. Young et al C. E. Hodges C. C. Hedges J. E. Webb H. Moore do Ollie Elvigion	Salary	15
-5 .	F. H. Clarke	do	12 32 17
	L. M. Purssell	do	17
	D. Baxter	do	37
	C. C. Starkey	do	37
	C. C. Kelley	do	33
	P. Bauer	do	22 26 18
	S. H. Barrett	do	20
	R. F. Young et al.	do	219
	C. E. Hodges	do	14
	C. C. Hedges	do	21
	J. E. Webb	do	6
23	do	do	17
ıg. 5	Ollie Elvigion	do	3
	Total supplemental		560
			200

REOMITTOR,	
First quarter	\$117,750.19
Second quarter	117, 763. 06
Third quarter.	117, 952. 67
Fourth quarter.	117,890.97
Supplemental	560.33

#### WEATHER BUREAU, BUILDINGS.

Date.	Name.	Nature of payment.	Total.
1903.			
uly 27	R. D. Noe S. Harford and H. H. Harford	Erecting building. Land in Duluth, Minn	\$4,000.0 2,040.
ug. 6	C. L. Harding.	Plans for building	765.
12	C. L. Harding W. J. Swanton H. W. Richardson R. D. Noe G. W. Kelley C. C. Starkey S. H. Martas W. Ashbey W. H. Kelley W. Ashbey S. H. Martas C. C. Starkey	Land in Choctaw County, Mont.	1,795.
15	H. W. Richardson	Recording deed	1.
31	R. D. Noe	Erecting building	1,500.
	G. W. Kelley	Repairing roadway	16.
	C. C. Starkey	do	9.
	S. H. Martas	do	7.
	W. Ashbey	do	9.
	W. A. Kelley	do	9. 7.
	S H Martas	do	7.
	C. C. Starkey	do	7. 3.
	J. C. Fletcher	Surveying	15.
pt. 18	A. Zappone	Registering deed	3.
	J. A. Robert	Erecting building	1,003.
30	C. F. Marts	Services building roadway	9.
	S. H. Martas	do	9.
	H. Sower	do	9. 9.
	H Storkov	do	9.
	S. H. Martas C. C. Starkey J. C. Fletcher A. Zappone J. A Robert C. F. Martas S. H. Martas H. Sower R. Elsea H. Starkey D. Baxter	do	9.
	H. Starkey D. Baxter E. Starkey C. C. Starkey W. Ashbey G. W. Kelley W. Mercer J. F. Mercer R. Elsea W. H. Kelley	do	9.
	C. C. Starkev	do	9.
	W. Ashbey	do	9.
	G. W. Kelley	do	9.
	W. Mercer	dodo	9.
	J. F. Mercer	do	7.
	K. Elsea	do	4. 6.
	W. H. Kelley	dodo	6.
	W. Ashhev	do	6
	R. Elsea W. H. Kelley W. Mercer W. Ashbeydo E. Starkey C. C. Starkeydo W. H. Kelley S. H. Martas G. W. Kelley S. H. Martas H. Starkey D. Baxter W. H. Kelley W. H. Kelley	do	7. 7. 7.
	E. Starkey	do	7.
	C. C. Starkey	do	7.
	do	do	7.
	W. H. Kelley	do	7.
	S. H. Martas		7.
	S H Mortes	do	9. 9.
	H. Starkey	Services renairing roadway	18.
	D. Baxter	do	6.
	W. H. Kellev	do	7.
	W. Mercer	do	7.
	G. W. Kelley	do	7.
	W. Ashbey	do	7.
	S. H. Martas	00	9.
	E Starkey	do	9. 9.
	W. H. Kelley W. Mercer G. W. Kelley W. Ashbey S. H. Martas C. C. Starkey E. Starkey H. Starkey G. W. Kelley	do	9.
	G. W. Kellev	Land in Clarke County, Va	625.
	•	, , , , , , , , , , , , , , , , , , , ,	
	Total first quarter		12,100.
	D D 31		
et. 12 15	R. D. Noe G. W. Kelley H. Starkey W. Ashbey	Erecting building	2,500.
10	U Ctorboy	Erecting ience	9.
	W Ashhey	do	9.
	J. F. Mercer	do	9.
	J. F. Mercer' R. Elsea E. Starkey C. C. Starkey S. H. Martas	Repairing roadway	9.
	E. Starkey	do	9.
	C. C. Starkey	do	9.
	S. H. Martas	do	9.
	D. Baxter E. F. Hummer W. Mercer	The sting for as	9.
	W Margar	Popularing roadway	13.
	W. H. Kellev	do	7. 1.
	W. H. Kelley F. M. Smallwood W. T. Hummer W. S. Hummer P. Smith	Erecting fence	18.
	W. T. Hummer	do	18.
	W. S. Hummer.	do	18.
			9.

 $Expenditures\ of\ the\ Department\ of\ Agriculture\ for\ fiscal\ year\ ending\ June\ 30,\ 1904-{\rm Cont'd}.$ 

WEATHER	BUREAU,	BUILDINGS-	Continued.
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Date.	Name.	Nature of payment.	Total
1903.			
ct. 15	D. Baxter G. W. Kelley	Erecting fence	\$6
	G. W. Kelley	Building roadway	6
	E. Starkey S. H. Martas	do do	6
			6
			6
	C. C. Starkey H. Starkey R. Elsea J. F. Mercer W. Mercer E. F. Hummer J. A. Robert do F. M. Smallwood R. Elsea S. H. Martas	Erecting fence	. 4
	R. Elsea	Building roadway	4
	W Moreor	Building roadway	4 3
	E. F. Hummer	Erecting fence	1
24	J. A. Robert	Erecting building, Duluth, Minn.	1,453
31	do	Plastering building, Duluth, Minn	97
	F. M. Smallwood R. Elsea R. Elsea W. S. Hummer W. Ashbey P. Smith C. Kelley J. F. Mercer D. Baxter E. Starkey C. C. Starkey W. T. Hummer H. Starkey W. T. Hummer H. Starkey D. Baxter W. S. Hummer H. Starkey D. Baxter U. Starkey W. T. Hummer J. F. M. Smallwood W. Mercer H. Starkey W. S. Hummer J. F. Mercer C. C. Starkey E. Starkey E. Starkey E. Starkey E. Starkey R. Elsea C. Kelley S. H. Martas J. Gussenhoven D. Baxter R. Elsea P. Smith J. F. Mercer C. C. Starkey E. Starkey E. Starkey E. Starkey E. Starkey E. Starkey E. Starkey C. C. Starkey E. Starkey D. Baxter C. Kelley S. H. Martas J. Gussenhoven D. Baxter C. Elsea P. Smith J. F. Mercer E. Starkey C. C. Starkey W. T. Hummer C. Kelley W. T. Hummer	Services	12
	S H Martas	do	g
	W. S. Hummer.	do	15
	W. Ashbey	do	
	P. Smith.	do	15
	C. Kelley	do	9
	D. Reytor	dodo	9
	E. Starkey	do	g
	C. C. Starkey	do	ç
	W. T. Hummer	do	15
	H. Starkey	do	9
	F. M. Smallwood	00	15
	H Starkey	do	77
	D. Baxter	do	7
	W. S. Hummer	do	15
	P. Smith	do	15
	W. T. Hummer	do	15 7
	C. C. Starkey	do	g
	E. Starkey	do	g
	R. Elsea	do	6
	C. Kelley	do	3
- 77	S. H. Martas	Exection boilding	3,000
ov. 7	D Bayter	Erecting building	3,000
10	R. Elsea	do-	g
	P. Smith.	do	13
	J. F. Mercer	do	7
	E. Starkey	Building roadway	9
	W T Hummer	Erecting fence	13
	W. T. Hummer C. Kelley S. H. Martas W. S. Hummer F. M. Smallwood G. W. Kelley H. Starkey W. Mercer F. M. Smallwood W. T. Hummer P. Smith	do	9
	S. H. Martas.	Building roadway	9
	W. S. Hummer	Erecting fence	15
	F. M. Smallwood	do	15
14	H Starkey	do	77 73
14	W. Mercer	do	3
	F. M. Smallwood	do	10
	W. T. Hummer	do	10
	W. T. Hullmer P. Smith W. S. Hummer J. F. Mercer H. Starkey C. Kelley D. Baxter C. C. Starkey	do	10 10
	W. S. Hummer	do	6
	H Starkey	do	9
	C. Kellev	Building roadway	9
	D. Baxter	do	9
		do	9
18	R. Elsea E. Starkey	Ropeiring roadway	6 9
	W. L. Robey	Building stone columns	100
19	Harding & Upman	Crecting fence Repairing roadway Building stone columns Plans for building Erecting wire fence	385
24	J. F. Mercer	Erecting wire fence	7
	C. C. Starkey	do	9
	E. Starkey	do	7 9
	E. Starkey. W. L. Robey Harding & Upman J. F. Mercer C. C. Starkey E. Starkey C. Kelley. D. Baxter L. A. Bobort	do	7
	D. Baxter J. A. Robert R. Elsea C. C. Starkey H. Starkey C. Kelley	Work on building	281
	R. Elsea	Erecting wire fence	7
	C. C. Starkey	do	4
	H. Starkey	do	7
	U. Kelley	do	$\frac{9}{4}$
	D. Baxter J. F. Mercer J. A. Robert	do	4
	V. A. DIOLOGIA	73 41 3 13 13	2,956

#### Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. WEATHER BUREAU, BUILDINGS-Continued.

Date.	Name.	Nature of payment.	Total.
1903.			
Dec. 7	R. D. Noe	Erecting building	\$1,000.00
14	do		631.00
14 22	J. H. Leslie		745.00
- 22	H. F. L. Allen		250.00
	III I I III MICII	Va.	200.00
	W. H. Michael	do	200.00
31	W. D. Hempstone	Recording deed	5.75
	Harding & Upman	Plans for building	460.00
	Total second quarter		15,852.18
1904.	1	:	
Jan. 23	Flint & Walling Manufacturing Co	Cypress tank.	1,017.55
Feb. 13	J. Gussenhoven	Erecting building	700.00
29	J. A. Robert	Erecting building, Duluth	1,178.50
	T. P. Simpson	Erecting building, Mount Weather	800.00
	J. W. Robinson		105.00
Mar. 11	C. W. Ling	Recording deed	2.08
**	Albert Edgar Hodgkinson	Land in Ramsey County, N. Dak.	2,209.05
18	George Emslie, register of deeds		1.50
23	S. L. Dosher J. H. Leslie	A divisting heating apparetus	1.75 20.00
		, , ,	
	Total third quarter		6,035.43
June 3	Thomas P. Simpson	Erecting building, Mount Weather	2,051.00
22	J. A. Robert.	Erecting building, Devils Lake	589.50
	Total fourth quarter		2,640.50
	Supplemental.		
July 7	J. H. Leslie	Asbestos covering for steam pipes	52.00
20	do	Erecting water tank, etc	550.00
23	Thomas P. Simpson	Erecting power-house building	1,500.00
Aug. 11	J. A. Robert Thomas P. Simpson	Erecting building, Devils Lake	3,500.00
	Harding & Unman	Erecting power-house building	1,500.00 500.00
91			760.00
	Trobert D. Noe	Park.	700.00
	Total supplemental		8,375.94
31	Harding & Upman Robert D. Noe	Plans for building, Devils Lake Erecting building, Yellowstone Park.	760 760
First qua	arter		\$12,100.4
Second q	uarter		15,852.18
Third qu	arter		6,035,43
Fourth q	uarter		2,640.50
	ental		8,375.94

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#### Expenditures of the Department of Agriculture for fiscal year ending June 30, 1904—Cont'd. CABLE AND LAND LINES, WEATHER BUREAU.

Date.	Name.	Nature of payment.	Total.
1903. Aug. 12 24 31	D. F. Holmes, R. A. Harris, and I. I. Harris. C. E. Chaplin and J. C. Chaplin M. E. Conway. G. W. S. Bell	Land in Washington County, R. I. Land in Newport County, R. I. Recording deed. Erecting building, Narragansett Pier.	\$4,150.00 1,032.50 1.75 1,500.00
Sept. 9 30	W. L. Day. The Okonite Co. (Limited) G. W. S. Belldo.	Recording deed. Rubber cable. Erecting building, Narragansett Pier. Erecting building, Block Island.	2.00 19,109.00 1,000.00 1,500.00
	Total first quarter		28,295.25
Oct. 15	G. W. S. Bell do	Erecting building, Block Island Erecting building, Narragansett	1,000.00 1,500.00
20 24 Nov. 5	do Harding & Upman G. W. S. Bell	Pier. Erecting building, Block Island Plans for buildings. Erecting building, Narragansett Pier.	1,500.00 848.00 1,500.00
24 30 Dec. 14	do	Erecting building, Block Island Putting in drain in cellar	1,500.00 9.00 45.00
	Total second quarter		7,902.00
1904. Jan. 23	G. W. S. Belldo		1,750.00 2,050.00
Mar. 31	W. L. Day	Putting in transom, Block Island.	2.75
	Total third quarter		3,802.75
-	RECAPITULA	TION.	
Second q	arter uarter arter		7,902.00

First quarter	. \$28,295.25
Second quarter	7,902,00
Third quarter	3,802,75
2	
Total	40,000,00

